COMING EVENTS IN FLORIDA

Stuart Hamfest, Jan. 31st
Miami Hamboree, Feb. 7 & 8th.
Pinellas Boys Club Hamfest Feb. 15th
Vero Beach Treasure Coast, Feb. 21-22nd
National ARRL Conv. & Orlando Hamcation Mar. 13-15
Playground, Ft. Walton Bch Swapfest Mar. 21 & 23rd.
Jacksonville Hamfest, Aug. 1 & 2.
Miami's International Amateur Radio Elec. Equipment Fair, Aug. 12 thru 21st.
(See ads elsewhere for details. Send dates early please!)

[redacted]
Miami Springs, FL 33166

florida SKIP

NON-PROFIT CORPORATION

VOL. 24 NO. 9 THE ALL-FLORIDA AMATEUR RADIO AMATEUR'S PUBLICATION February 1981 Price 40 cents

OUTSTANDING PUBLIC SERVICE AWARD AVAILABLE

Effective January 1st, the SCMs of Northern and Southern Florida will jointly sponsor and issue a Certificate of Merit for Outstanding Public Service Performance to amateur radio operators who meet two of the five criteria listed below.

All such work must take place after January 1st and be listed in QST for credit to be granted. The five categories are:

1. A total traffic count of 1,200 over a one year period. Only totals reported to the SCMs and listed in QST are eligible toward this total.
2. A total Public Service Honor Roll total of 400 or more over a one year period.
3. Participation and documentation of at least 3 bonafide public service events where amateur radio was used to provide communications. A letter of appreciation from the sponsor to the parent club or group will satisfy this requirement for all who participated.
4. Service as a Net Control Station or Liaison Station to a higher level NTS net for 8 consecutive months on a regular weekly basis. The applicant can miss no more than 10% of the net sessions to which he is assigned.
5. Any other significant contribution to public service which in the judgment of the SCM is well above the normal obligations of Part 97 FCC rules. 73. N4UF.

DADE 911 . . .

When a 911 call is made, the telephone number of the caller is automatically read out on an LED display at the Regional Data Processing and Communications Center, where it is received. This means that when a **mobile** autopatch is made, the **repeater** phone number is the one that will be printed out, regardless of the mobile's location. Therefore, the **FIRST** thing the mobile station must say to the Center is: "This is a MOBILE amateur radio operator reporting an accident (fire, heart attack or other EMERGENCY) at (location) . . . etc." The Center will then know to disregard the displayed phone number as an indication of the location of the emergency.

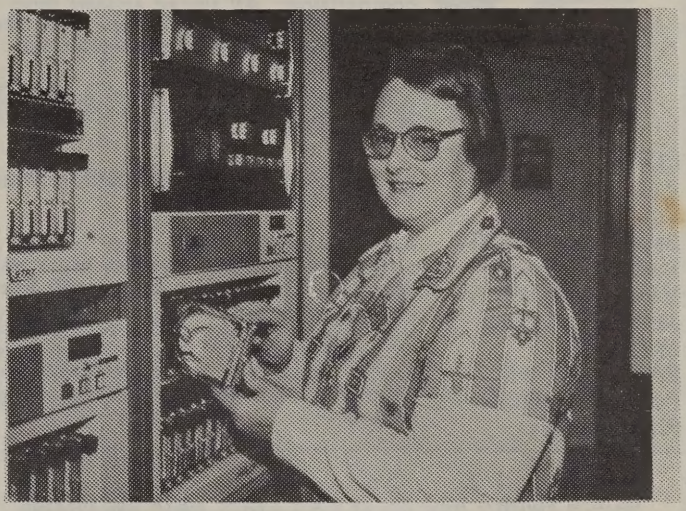
Before you make your call, obtain as much information as possible, i.e.: 2 car accident with 3 people injured and your exact location. In the long run, this will save time.

When you stop on the road to assist, park AHEAD of the accident. By doing this, you will not be rear-ended by another vehicle who does not see the accident ahead of him.

Bill Duggan, WA4OUI
Dade County Civil Defense
Communications Officer

INTRUDER REPORTING ADDRESS

If you know of stations operating illegally in the amateur bands from other services, send a letter noting the suspected location, beam heading, date, time and frequency to SPECIAL Enforcement Facility, Federal Communications Commission, 3600 Hiram-Lithia Rd. S.W., Box 65, Powder Springs, FL 30073. (Tks WR4ACE Repeater, Gainesville Amateur Radio Society.)



Meet Nell Cobert, WB4WBB, Army MARS AAR4OR. She is also FM Operations for radio station WDBO in Orlando. Nell works in her spare time with the Girl Scouts and the "hearing-impaired" she is a mother of three children. Her OM is Bob AAR4MZ. Next month look for story on Nell "A Lady For All Seasons by Dick KA4AIZ/AAR4PP. (Photo by KA4AIZ)

REAL EMERGENCY DURING S.E.T.

By Jim Walters, WA2GIN/4
SEC Northern Florida

Pensacola, Florida — Some Escambia County amateurs were faced with genuine emergencies during the S.E.T. weekend. EC/SEC WA2GIN, WB3EKM, WB4TRZ, WD4MFJ and WB4TRZ provided communications support for two separate search and rescue operations on the Escambia River. All are volunteer members of the Escambia Search and Rescue Unit's Communications Command.

WR4ACZ on two meters and WA4KST/R on 220 were used to provide liaison between the search director and operating units of the Navy and Coast Guard during the searches for two boaters who did not return to the launching ramp on schedule. One boater was rescued from a sandbar late Friday night after his boat had swamped and overturned. The body of the second boater was recovered from the river on Sunday morning.

Amateur radio operators routinely provide liaison and dispatching communications for the SAR unit, which also has its own radio equipment and frequencies. Amateur equipment is used to effect communications outside of the Unit and for long distance requirements beyond the capability of ESAR's radio network.

FLORIDA SKIP, INC.
P.O.BOX 501
MIAMI SPRINGS, FLORIDA 33166

Enclosed is $4.00 for 1 year, $7.00 or 2 years, membership to Florida Skip.

☐ New ☐ Renewal

My CORRECT address is: Call _____

Name _____

Address _____

City _____

State _____ Zip _____

USPS 805-200

FLORIDA SKIP STAFF
Andy Clark, W4IYT
Editor/publisher
Betty Clark, W4GGQ
Business Manager
Vance Murr, W4FWI
Jane & Joan Clark
Mailing Dept.
Bob Denton WB4FGL
Pat Denton, WD4KKN
Ploof Reeders

The publishers of this paper do not assume the responsibility of statements made by their advertisers in business competition. All signed articles published in the paper represent soley the individual opinions of the writer and not those of FLORIDA SKIP.

DEADLINE: 8th of month IN Box 501 Miami Springs, FL 33166.

SECOND CLASS postage paid in Miami FL. Published monthly.

Any item in FLORIDA SKIP may be reprinted in any other amateur radio publication in the world with a credit line please.

OMs: Nominate your XYL for our Skip DEAR MABEL AWARD. A most unusal award. Only $1.50 postpaid. Give her full name, your call and mailing address. Editor. . . . .

EX CALLS

Here is another nice list of EX-CALLS. SKIP has printed more EX CALLS than any other publication in the world! !

KB4XH	ex	KA4FYN
KC4RU	ex	G3YM. XAYM (Note OT's)
KC4KU	ex	CM2KW CO2KW, KA4MTF
WA4KAU	ex	VE3AWE
NE4H	ex	KB4ZK, KB6KV, WD6CKU
W4JOP	ex	KP4ZE, WB4DEP
ND4K	ex	WA3TKP
K4GFK	ex	W2IER
N4DWY	ex	KA4JIE
ND4P	ex	WB4SNK
AF3E	ex	W3KHB
KB4YK	ex	W4ABS, W4CCJ, KH6NP, OE13J, DL4BY
KA4PAC	ex	WA5NGC
KC4JM	ex	K4ESP, W8BFB
W4PLH	ex	K3RWI
KA4PAI	ex	W9EAH
W4VCG	ex	W8OSU, W8RZQ, W9ARB, J9ACY, W3KNI W3OSU
K4CYN	ex	W8EII, W8SGX, W2SGX
K4ZT	ex	W1ZNN, W3JET, W3YQ, W8KTI
W4MDO	ex	KP4MG, W5TZP, K6BKG, KR6GC, W8UAV
K4IJI	ex	W9FYG
W4BNE	ex	W8HGI, W8QUK

NEW REPEATER MAPS. FLORIDA SKIP map editor, Bill Tucker W4FXE just completed his 2nd All Florida 2 meter map. It's off the press! It measures 11 X 17 inches and printed black on heavy stock. Easy to read, all repeaters are boxed in along side of their city. There is an additional listing by frequency in a large box. We sold hundreds of these in past year or so. This one is up to date as of 3 weeks ago. We are selling these maps for only 25 cents each plus a No. 10 S.A.S.E. For the price of a cup of coffee, you cant go wrong with this nice map. FLORIDA SKIP, Box 501, Miami Springs FL 33166.

BARGAIN COAX?

Buyers, beware of bargain coax. Cable labeled as "RG/8U type," "RG58/U type," etc. instead of "RG8/U" does not meet RG8/U specs. The extra word "type" simply means the dimensions of the cable are similar to the RG cable. The characteristics of the cable may be significantly different.

For example, I recently bought 100 ft. cable identified as "CB/Ham Cable Assembly — Home Use — RG8/U type foam . . ." I measured the characteristic impedance of this cable using a time Domain Reflectometer (TDR) and found it to be 57.5 ohms. Standard RG8/U is speced at 52 ohms.

By itself, there is nothing wrong with using this cable for an antenna feedline. If sections of this cable were used along with regular RG8/U in an antenna installation, then serious VSWR probelms could possibly result.

The higher impedance of these foamed cables is usually due to the manufacturers' continuing to produce their cable with the same size inner and outer conductors, but replacing the polyethylene dielectric constant is less than polyethylene. As a result, the characteristic impedance is higher than the original design value of 52 ohms. (QSP, World Radio)

OLD TIMER OF THE MONTH

Meet Dan Courtney K4HDV. Dan spent a good part of his career as a civilian employee of the U.S. Army Corps of Engineers at the St. Louis District. He was first employed in 1929 as a radio operator/clerk-steward and pounded brass on various government dredges and tow boats on the Mississippii, Missouri and Illionis rivers. He later operated at the St. Louis Hq. station WZK.

Over the years, Dan performed other duties with the Corps not related to electronics. During 1944, he spent several months as a radar field engineer with the Ratheon Company, which was under contract to the U. S. Navy...

Dan retired in 1966 and at that time, he was head of the Electronics Section of the St. Louis District of the Corps. Dan has been continuously licensed as a ham since 1926.

It should also be noted that Dan spent four years as a Naval Reservist with a V-12 unit (radio) from 1929 to 1933. He also held a Commercial First Class license from 1931 to 1970. (From SWOP chief K4TF.)

AMATEURS INTERESTED IN ASTRONOMY WANTED

Precision 75 meter phone operators from the Jacksonville area and other metropolitan areas are needed to become part of the Asteroid Intercept Network (AIR). Among the cities where help is needed are Flagstaff and Tucson, Ariz.; Albuquerque and Las Cruces, New Mexcio; San Antonio and Austin, Texas, Little Rock, Ark.; Kansas City and St. Louis, Mo.; Chicago, IL.; Memphis, TN; Jacksonville and Tampa, FL., and Columbia, SC. Also needed are a couple of 15 or 20 meter overseas liaison operators.

AIEs objective is to support "amateur" astronomers across the US in their measurement of sizes and shapes of asteroids. AIR will relay to the observers, last minute geographical changes for occultation paths and then will gather eclipse times for forwarding to co-ordinators. For details, send a self addressed stamped envelope to Bill Shoots, K5BY, 709 Ballentine St., Seabrook, TX 77586 or check into the AIR Net on 3,935 kHz. at 11:30PM EDT on Sunday evenings. (From Balanced Modulator, NOFARS Jax.)

SILENT KEYS

We are deeply sorry to report the following Silent Keys in Florida. May they all R. I. P.

W4YGT	W. E. "Gene" Baker,	Alachua
W4DEA	Jacques "Col" L. Bril	Miami Beach
W4OGX	Bill Pandolf	Venice
W4ZEB	David Blake	Bradenton
K8PXM	Leo Atwell	New Port Richey
WA4IIO	Harry "Julian" Eng	Miami
W4SQ	Ken Hiler	Melbourne
K4FAT	Willard F. Cram	Salt Springs
W4AFT	Henry O. Freeman	Panama City
K4FHC	Carroll M. Chalk	Howey-in-the-Hills
W4MXT	John M. Frith	Tarpon Springs
WB4TIM	Richard H. Johnson	West Palm Beach
W4WRL	Mahlon S. Weir	Delray Beach
K4CQP ex	W9MHK, Larry Gross	Coral Gables/Chicago

get ready . . . get set . . . GO!

TO THE

21ST ANNUAL TROPICAL HAMBOREE
1981 ARRL FLORIDA STATE CONVENTION

FEBRUARY 7–8, 1981

at Fabulous Flagler Dog Track
(Corner of N.W. 7th Street & N.W. 37th Avenue)
Miami, Florida

9:00 A.M.-5:00 P.M. — Saturday 9:00 A.M.-4:00 P.M. — Sunday

REGISTRATION $3.00 ADVANCE

($4.00 Door)
REGISTRATION TICKET COVERS SATURDAY & SUNDAY

- OVER 100 EXHIBITS
- 400 SWAP TABLES
- PROGRAMS, MEETINGS, DEMONSTRATIONS
- TRAFFIC HANDLERS BREAKFAST
- QCWA/OOTC/SOWP LUNCHEON
- GIANT DX FORUM & DINNER
- COMPUTER FORUM

WORKING EXHIBITS USING ALTERNATE SOURCES OF ENERGY
PROGRAMS & EXHIBITS FOR THE LADIES . . .
MOVIES FOR THE YOUNGSTERS

OVER $10,000 IN AWARDS . . .

ICOM 1C-2AT Handheld to be awarded every hour

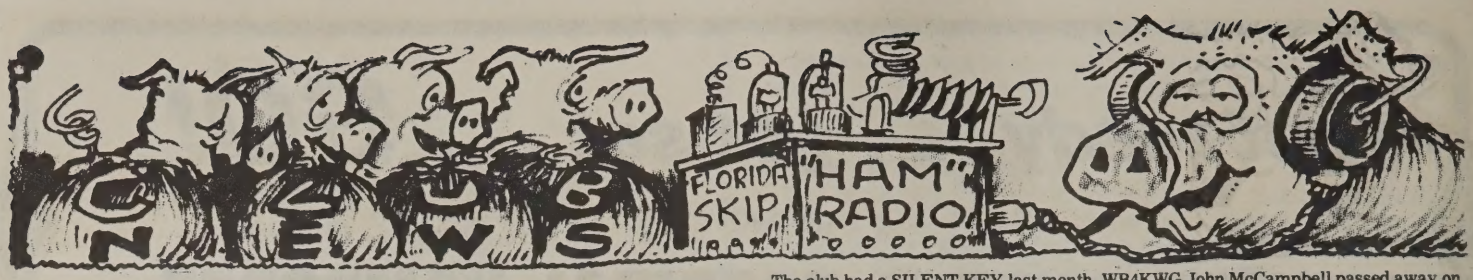
OTHER MAJOR AWARDS . . .

Drake TR7 & Power Supply
Ten-Tec Omni C & Power Supply
Cubic Astro 150A
Yaesu FT707
Kenwood TS130S
Optoelectronics 8010.1

plus . . . ***Ladies Diamond & Emerald Ring***

For tickets & further information write:
DADE RADIO CLUB
P.O. Box 350045, Riverside Station
Miami, FL 33135

WE'RE WAITING TO WELCOME YOU IN FEBRUARY!



QCWA STATE NEWS
Edited by Eli Nannis, K4JMH

The QCWA certificates are increasing at a rapid rate. Two more were approved at the annual meeting in Orlando making 3 in the last few months and I wonder when it will all end. All it does is to increase the paper work at headquarters which has to process the requests for certificates. We now have a total of 7 certificates and they are as follows: 1. Golden Anniversary Award for 50 years or more in Amateur Radio; 2. Century Club Award; 3. 50 Year Continuous Licensed Award; 4. 55 Year Anniversary Award; 5. 60 Year Anniversary Award; 6. 65 Year Anniversary Award; 7. 70 Year Anniversary Award.

Endorsement stickers are issued for each 2 year period over the basic years so why keep issuing new certificates every 5 years. I would suggest that the Board of Directors take another look at this ridiculous situation. The application forms for the 50, 55, 60, 65 are identical so once a member qualifies for any of these awards, why make any further applications every 5 years? All that person should do is to advise the office he is eligible for another 5 year certificate. What do you think?

GATOR CHAPTER: We had an excellent Christmas meeting at our new restaurant, the El Capitan in Clearwater with 71 persons attending. The food was good with a fine salad bar. The guests were Blanche and Wes Randles, W4GXZ and W4COW and Tom Matthews, K4IJC. They all joined our chapter. Blanche is president of QCWW and Wes is activities manager of the national QCWA. Welcome aboard. Hal, W4FOM reported reaching his 52nd wedding anniversary and Herb, W4IRA, his 37th. I am sorry to report that Bill Franklin, W4KC, his wife died recently. Ray's Amateur Radio donated 3 door prizes and they were won by WA2FGU, W2WV and W4IRA. Don't forget, Art Monsees, W4BK needs your vote for national treasurer.

Reported by Eli Nannis, K4JMH

CITRUS CHAPTER: We held our Christmas party meeting at the Holiday Inn, Sanford on Dec. 20th with 76 members and guests present. A great time was had by all. There were prizes, favors and a bunch of sea stories. We also firmed up plans for the Hamacation/ARRL convention luncheon. We will host the QCWA luncheon at the Howard Johnson Hotel just across the street from the Twin Towers where the convention will be held. It will be on March 14, 1981 and lunch will be served at 12:30 p.m. promptly, so please get there early. The menu will be barbecued chicken or beef ribs. Please advise you choice of menu when you order your tickets. The cost will be $8.25 per person. Please order your tickets as early as possible because we must give the hotel a count a week before the luncheon. Tickets may be obtained from Chalmers Stromberg, W4WLX, QCWA Luncheon Ticket Chairman, WDBO-TV, P.O. Box 1833, Orlando, FL 32802, Phone (305) 843-0006. Our speaker has not been selected as yet. Write our Chairman Keith Street G3DKS, 1388 Freeport Dr., Deltona, FL 32725, Phone (305) 574-2414, or our ticket chairman if you have any suggestions. Our next meeting will NOT be held on the 3rd Saturday, but will be held on Jan. 24th at the Sanford Holiday Inn. Y'all cum.

Reported by Bill Waldo, W4PI

PELICAN CHAPTER: The newly chartered Pelican Chapter in St. Petersburg held its first Christmas party at the regular monthly meeting on Dec. 17th at the Edgewater Beach Motel There are 38 members and guests present and the entire program was arranged by a committee of XYL's of W4BK, K4OC, W4GQ, K4NE, K4QZ, W4PLW and K4WP. It included table decorations, appetizers, homemade cookies and a grab bag and door prizes, all enthusiasticly enjoyed by those present. The chapter has a roster 33 charter members as of Jan. 1st and inquiries regarding membership will be welcomed by Vice Pres. Jack Mandel, W4PLW. Luncheon meetings are held the third Wednesday of the month, a permanent location is still being sought, hopefully we will be able to announce it next month. The Pelican net meets every Sunday morning at 0930E on 3920 KHZ. The chapter is sponsoring the National QCWA QSO party in 1981, the CW portion will be held on February 14-15th, Jack Seidel, N4AQU will receive the logs. More next month.

Reported by Harry Bloechle, K4WP

HIGHLANDS COUNTY CHAPTER 121

The monthly breakfast meeting at the Garden Restaurant in Lake Placid, January 7th, was well attended in spite of sickness and cold weather. Fifteen members signed a nominating petition for W4COW to be QCWA secretary. Dues were collected by the Secretary treasurer, Leo Conner, W3GUP and the election of Officers resulted in the unanimus election of N4XN, Jim Jones as president (Although he could not attend while recovering from surgery) K4 QL, Joe McCay, Vice President, W3GUP, "TIM" Conners, Secretary-Treasurer and a Board of Directors composed of K4HO, Karl Retstat, K4HSC, Meg Mennon, W8NBU "Bud" Buchheit. No reservations are required at the Breakfast meetings, order off the menu, little or lot, and visitors are welcome 9 a.m. at the Garden, near the Lake Placid Tower, home of the 2 mtr repeater.

INDIAN RIVER AMATEUR RADIO CLUB NEWS
By Jim Kneeland, W4MFH

Due to the cancellation of the regular meeting because of its proximity to Christmas, there was no December meeting to report on.

The big club doings for the month was the "Expedition" to the town of Christmas, Florida, where the club station W4NLX was set up in the trailer.

The following persons helped to make the expedition the success it was. Operators were: K4GXR, Ron, who also hauled the club trailer to and from its location. W4PRK, Andy; AA4MI, Carl; WD4NQK, John and K4RXX, Charlie, who also supplied the club his facilities such as AC power, antennae, et al. Those stations worked and who send in a large size SASE to Box 105, Christmas, FL 32709, will receive a large size Christmas-theme QSL, hand stamped by the post mistress, and more important, designed by a club member W4ZG, Worth Gruell, who is an artist of national renown of the Raggedy Ann and Andy family.

Over 500 stations were worked in 17 countries on 40, 20 and 15. One station was QRP, 2.5 watts in Maine and another was 40° below zero in Labrador.

K4ILX, Allen Apple, spent some time in the hospital with a stomach disorder and it is hoped that by the time this appears in print he will be home recuperating. We are sure he would appreciate cards sent to his home QTH.

The club had a SILENT KEY last month. WB4KWG John McCampbell passed away on December 21st, 1980. He was of late a resident in the Lutheran Towers in Orlando.

At this season of the year, when we should take stock of our blessings, we take this time to publicly thank the officers and directors of the First National Bank of Merritt Island for graciously allowing the IRARC to meet on the 4th Tuesday of each month at 7:30 p.m. on the 2nd floor of their building.

C.A.R.S. CLUB
By Eldean M. Feiler, KA4BBA

The C.A.R.S. Club meets every second Friday of each month at the Clearwater Red Cross Building, 624 Court Street.

The C.A.R.S. Christmas Dinner was superb. The main course took up more than half a big platter. Nobody went away hungry, or if they did, it was their own fault. We also celebrated two birthdays at the dinner which were KA4CYA, Dottie and K4OS, Bill. The kisses were flowing wildly and Dottie and Bill were the lucky ones, who went around puckering up.

We welcome new members, WB9PZD, Jeff and K4OS, Bill.

We worked communications for the Largo Christmas parade. There were 98 units in the parade. It was windy and cold but nevertheless, it was enjoyed by all. The parade went off smoothly with the right spacing between the units and Santa rode in a Corvair convertable. We also covered the Clearwater Christmas parade with more operators than were needed.

Roses are red,
Violets are blue,
My true love is radio,
and yours should be, too!
Happy Valentines Day

TARC (TAMPA)
By WD4HHN

HAPPY NEW YEAR. I am off to a good start after missing last month. Hope everyone has a prosperous, healthy New Year.

Our 1st meeting of the new year had a program presented by Frank Zeigler which was very informative and entertaining. All is GO for the Florida State Fair. Our booth will be in the same place as last year and we need volunteers to man it. Two meter operation is already assured. Novice classes will be starting at TARC very soon any volunteers for this rewarding job? Lots has been donated for the Boy's Ranch. Tnx to every contributor. Also, let's all pay our dues, it is that time again. Don't know of any new news, except the Menkemeyers are now in Gay Paris.

W4DUG's portfolio is in order — boy, are we getting organized! See ya'll. 73-88, Kay.

D.B. ARA
By Frank Britto, WA4CRI

Congrats to Clyde, N4PL on his new appointment as asst. manager of the fourth region net, for the FMTN.

New DBARA officers for 1981 are: President, Ken, WB4FKL, this is Ken's second term. Vice President, Francke, WB4WTJ; Secretary, Marion, KA4PIR; Treasurer, Ray, KA3BGU.

Nice to have Dave, K4DAY back from hospital and active on VEN.

Mike, WA4ZTS and XYL back from long vacation, Frank, WA4SYH checking in the VEN with his new NC-255A. Dave, WB4ESH has his hands full with five new pups to care for. Frank, WA4CRI, getting his feet wet on D4RN and 4RN to get the holiday traffic on its way.

Sorry to hear XYL of Gibb, WA4ZPB hurting her leg, and XYL of Doug, WB4ZSH hurting her head and arm.

LATE NEWS — The FMTN now meets on 7.247 on Sunday's at 12 noon, instead of 12:30 p.m.

C.U. next Month-73's.

FLORIDORA YLS
By Cathy Soehl, W4BAV/ARNS

WA4FAJ, Patti O' Steen, who was divorced from WA4VJP, Mike, is now WA4MMN Patti Saunders, OM, Fred, address: P.O. Box 50201, Jacksonville Beach, Fla. 32250 Congratulations.

WA4IWN, Lou & OM, K4WR, Dale, enjoyed a visit, over the holidays, from KA80, Walt, Dale's son, from Cincinnati.

KA8COZ, Dorothy's OM, K8PXM, Leo, reported last month in the hospital, joined the Silent Keys Dec. 8th. Our heartfelt sympathy to you, Dorothy.

W4KZT, Lucile Welcome to the QCWA, she is number 14,423.

K4BNG, Jane, congrats on a fine Newsletter, with Roster, now W4BAV, Cathy can get her membership file up to date. Thanks.

WB4AUR, Thelma & OM, K4KQ, Chuck are building a home in Deltona and, in the meantime, have an apartment at 2455 Alamanda Drive, Deltona 32725. Good luck, folks.

K4RNS, Marge, keeps on a merry-go-round: Daughter happily married and working for Podiatrist; son and grandson, from Boston, visited for Thanksgiving and sister-in-law rushed again to hospital, but not admitted. Hope all has calmed down now," Marge.

W4BIL, Fran, writes is busy; went to QCWA luncheon with K4UIZ, Ev and Hal; met Thelma's OM, K4KQ, Chuck, sends greetings to the Floridoras, has not forgotten us. Miss you, Fran.

SARASOTA AMATEUR RADIO ASSOCIATION
by Howard Millhourn, W4WBC

The club elected a whole new slate of officers to guide its destiny for the new year, 1981 They are: "O.W." Walter Lander, KA4RBM, President; Jim Young, K4HDW, Vice Pres. Will Holt, WD4PHL, Tres. and Bobbie Lander, KA4PVB as Secretary. Finally, our good friend Jim Cook, WB4BZL, will get a well deserved rest after having served as President for three consecutive terms.

QSY to page 12

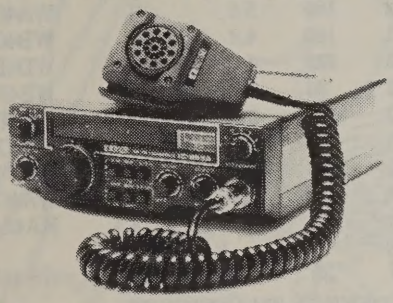
Announcement . . .

HIALEAH COMMUNICATIONS COMPANY

A Division of Hialeah Electronics, Inc.

IS PLEASED TO ANNOUNCE NEW DEALERSHIP OF TEN TEC & ICOM IN DADE COUNTY & TO SOUTH AMERICA . . .

IC-255A 25W, 2M FM

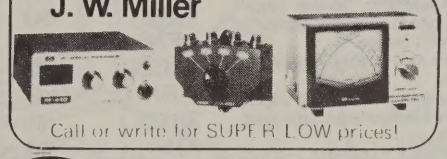


Optional Encoding Microphone Available

143.800-148.195 MHz, 25W FM. Dual VFO's with 5 memories. Band scan/Memory scan also included. 7.3"(W)x2.5"(H)x8.8"(D).

DAIWA

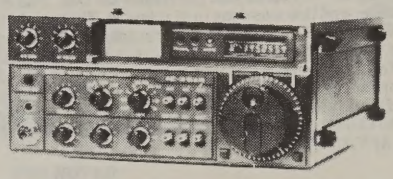
J. W. Miller



Call or write for SUPER LOW prices!

B&W ANTENNA SWITCHES in stock!

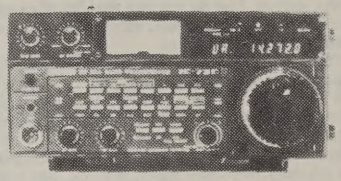
IC-251A 2M ALL MODE



143.8000 - 148.1999 MHz, 10W, SSB, FM, CW. Utilizes microcomputer based 100 Hz step Digital PLL synthesizer. Dual VFO's with 3 memories. Dual all mode scanning system.

IC-720 HF TRANSCEIVER

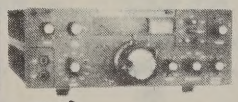
NEW!



9 band coverage — fully WARC compatible covering 10-160M. Continuous receive from 100KHz to 30MHz including AM. Digitally synthesized with dual VFO's in 10Hz steps. Pass Band Tuning in CW, SSB and RTTY modes. RF speech processing included. Power output adjustable from 10-100W PEP.

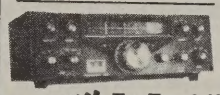
IC-2A HAND-HELD 2 METER TRANSCEIVER

TEN-TEC, INC.



NEW! Model 580 DELTA

NEW! OMNI D-Series "C"



NEW! ARGONAUT 515

NEW! TenTec 1 KW Hercules AMP. All Solid State!

WE ALSO STOCK IN OUR SHOWROOM:

VIKING . . . HUSTLER . . . HY-GAIN . . . DENTRON . . . SWR/POWER METERS & ANTENNAS CDR ROTORS . . . CUSHCRAFT ANTENNAS . . . TEMPO . . . SHURE MIKES . . . LARSEN MOBILE ANTENNAS . . . DAIWA COAX SWR & POWER METERS . . . VAN GORDEN ENG. SHAKESPEARE HAMS . . . MARINE ANTENNAS

COME VISIT OUR COZY SHACK!!!

ALSO FULL LINE OF TV, RADIO PARTS & B&K TEST EQUIPMENT

JOE WB4WNA, Chief Operator

612 E. 9th ST., HIALEAH, FL 33010

Phones: (305) 887-5936 / 885-0992 / 885-9929

FLORIDA PHONE TRAFFIC NET
By Bill, WB4WYG

Right on, as the in-crowd would say. December traffic was up. Up a whopping 50% from the month of Nov. to a total of 958. This gives the net a 1980 year total of 5,776 or an increase over 1979 of 761. This was done with a QNI of 212 less stations. For the second month in a row 22 stations have checked in 80% or better. Look 'em over.

100% WB4EXA, W4FOE, WD4IIO, WA4JDH, K4SJA, WB4TZR, WB4WYG
95% W4BKC, WD4DIU, WA4EIC, WA4EYU, W4IAD, K4KIC, WB4WMR, K4BLM, W4SIZ
90% W4DDW, N4ET
85% WB4ADL, KC4MM
80% WD4AWN, K4EJW

Now that is 49% of the roster checking in 80% or better and this is 7 a.m. Wow! Now that is dedicated traffic handlers.

Miss Evelyn, W4WYR, had the Dec. 31st session ended the net year with "Mother Time" signing off, of course just previously on Dec. 24th as NCS she had 81 pieces of traffic to shuffle; and this was done in 51 minutes. That might be some sort of record.

Miss Jan, WD4AWN had the first session of the new year. This also might be some sort of a trend with the ladies ending a year and then starting another.

To the other NCS, let met say many thanks for all your efforts in making 1980 a good year for the Friendly Phone Traffic Net. These last months have been quite a traffic load and it will seem good to have just a little less to handle for a while.

SO COME ON IN AND START YOUR HAM DAY THE FRIENDLY FLORIDA PHONE TRAFFIC NET WAY.

GATOR NET
By Doug Ryan, W4MEE

Gator Net doing very well without W4MEE this onth. Net had 31 sessions and over 600 messages, approximately. Glad to see all the boys pitching in and moving the traffic. Different stations checking in about 39, not bad. W4MEE only QNI twice this month and one NCS job.

Walt, KF4U, in Winter Park, will take over the net for the next three months, and we will see what happens after that. There are plenty of hams around. We heard ole hambone, K4SJH, checked in one day. Very interesting. W4MEE finally got some fish in his new fish box, 3 dolphin and one tuna.

W4MEE will QNI from time to time. Maybe he will get back his old fire and enthusiasm, but frankly we are tired of handling traffic for the time.

Say fellows, how do you like that list of ex-calls for Walt, KF4U in Florida Skip? Sounds like there must be a good story in there somewhere, Walt. It might make interesting reading for the net report.

This will be the last report from W4MEE. We will wish you all a Happy New Year, and hope to hear you all in the new year. The only thing that worries me is the last time Ryan left ham radio, he was gone for 15 years. I would like to say it was fun and a pleasure managing the Gator Net and the QFN after being away from radio for 15 years. Gator Net members handle more traffic than you name it. Note Mae, W3CUL, this month, 3337 points — tops in traffic handling. We know you will all get behind Walt, KF4U and make his job easy. We know Andy, W4TYT, has a soft spot in his heart for Gator Net and has been doing a good job filling in and handling Miami Traffic. He made 100% QNI in December. 73, Doug.

SWFT NET
By WA4HXU, N.M.

Greetings from Southwest Florida Traffic Net! Three years ago next month, the Ft. Myers Amateur Radio Club voted to sponsor a two-meter traffic net to service southwest Florida. Since that time it has grown and become more active each year as the statistics will attest:

	1979	1980	AVERAGE DAILY	% DAILY INCREASE OF 1980 OVER 1979
No. of Check-Ins	5854	6690	21.5	14.28%
No. pcs. traffic passed	1103	2907	9.35	163.5%

W4LX, the Club's station, hadled 2294 pieces of traffic in 1980, and has earned Twelve (12) BPL's thus far. We have a weekly appointment to pick up traffic from a Senior Citizen's Center. Have you traffic hounds considered this source of originating traffic? It's great! Try it: You'll like it, and bring cheer to a lot of elderly hearts.

5th EDITION

FLORIDA TRAFFIC ROUTING GUIDE.

A MUST IN EVERY HAM SHACK.

Only $2.50

Postpaid U.S.A.

FLORIDA SKIP
P.O. Box 501
Miami Springs, FL 33166

TRAFFIC HOUNDS
By K4SCL

NET	QNI	AVG.	QTC	AVG.	SESSIONS	MANAGER
FMTN	1230	39.7	1812	58.5	31	WB4AID
QFN	932	15.8	1325	22.5	62	WA4PFK
FPTN	1030	33.2	958	30.9	31	WB4WYG
TPTN	769	24.8	755	24.4	31	WD4AWN
FAST	949	15.3	604	9.7	62	WB4FVV
SWFTN	704	26.1	563	20.9	27	WA4HXU
NFPN	1204	38.8	339	10.9	31	N4BZH
VEN	410	13.2	180	5.8	31	WA4CRI
FPON	622	20.1	150	4.8	31	WB4GCK
QFNS	316	10.2	125	4.0	31	WD4DNC
FMSN	288	9.3	80	2.6	31	WB4FVV
MEN	165	33.0	25	5.0	5	WB4PIB
SBEN	80	20.0	18	4.5	4	KB4OW
AIN	75	18.5	13	3.2	4	W4WYR
DBTN	13	3.3	10	2.5	4	WA4CRI
BEN	53	2.0	3	0.1	4	KA4LNA
Late report for November:						
PBTN	465	22.9	33	1.7	20	WB4NJU

TOP TWENTY TRAFFICERS
By K4SCL & N4UF

1.	W3CUL	3824	11.	W3VR	741
2.	W4SIZ	1170	12.	W4LX	698
3.	WD4AWN	1127	13.	K4ZK	669
4.	WD4COL	1103	14.	WA4CRI	610
5.	WB4FVV	1093	15.	WA4EIC	505
6.	N4PL	1092	16.	NC4H	468
7.	K4TH	1013	17.	W4NFK	458
8.	WA4PFK	956	18.	WB4WYG	423
9.	WD4110	900	19.	N4KB	410
10.	K4SCL	891	20.	W4GPL	369

FLORIDA MIDDAY TRAFFIC NET
Al Suhr, WB4AID

WOW!!! FMTN really went to town during the Christmas Holidays! 1,230 stations checked in and had 1,812 pieces of traffic for us to forward. Thought you would be interested in how this was accomplished! Net Control Stations on 7247 KHz were: Monday, N4UF/WA4STZ; Tuesday, W4KMN; Wednesday, KA4ASJ; Thursday, W4ESH; Friday, VE3BSY; Saturday, WD4MSU; and Sunday, WB4FVV. On 23 out of 24 days, WB4AID handled the out-of-state operations on 7237 KHz. It was necessary to have liaison between the two NCS's so we stationed WA4CGQ on 7247 to work down to 7237 and W4BSP was on 7237 to work up the 7247 and do what ever the 7237 NCS needed.

We had to split the REPs entering the D4RN operation, the other station taking only EAN traffic. Those stations follow; N2AFD, N4PL, WA4DXW, WD4APM, WB4FVV, KC4RD, K4TH, W4SIZ, N4KB, W4YCL, WD4AWN, WA4CRI, W4NJM, K4SCL, W4NFK.

The REPS for RN5Dwere equally active; WD4HIF, WA4JDH, VE3BSY, WD4AWN, K4EUK, W4ESH (acting as standby).

The above is taken from my log of 7237 operations. It reflects many amateurs with a common interest — that of public service. Now, these fellows are just the ones who made liaison with NTS. The ones who brought this traffic into FMTN waited in lines in order to pass their traffic and must not be ignored. So — you see — it is the effort of ALL WHICH MAKES SUCCESS.

Want to have a real BALL? Join the FMTN warm-up on 7247 at 11 a.m., Monday through Saturday. There is where you'll learn that we are not just a bunch of stiff traffic handlers. You'll find a real fraternal group having lots of fun.

Please pass the word on to your clubs and other groups that FMTNnow conducts Traffic Handler Instruction, Saturdays ONLY, which begins on 7247 and is sent off by NCS to another frequency with WD4CRR, Training Officer.

FLORIDA PHONE TRAFFIC NET
By Bill, WB4WYG

Right on, as the in-crowd would say. December traffic was up. Up a whopping 50% from the month of Nov. to a total of 958. This gives the net a 1980 year total of 5,776 or an increase over 1979 of 761. This was done with a QNI of 212 less stations. For the second month in a row 22 stations have checked in 80% or better. Look 'em over.

100% WB4EXA, W4FOE, WD4IIO, WA4JDH, K4SJA, WB4TZR, WB4WYG
95% W4BKC, WD4DDIU. WA4EIC, WA4EYU, W4IAD, K4KIC, WB4WMR, K4BLM. W4SIZ
85% WB4ADL, KC4MM
90% W4DDW, N4ET
80% WD4AWN, K4EJW

QSY TO PAGE 9

1981 TREASURE COAST HAMFEST

SATURDAY - FEB. 21
SUNDAY - FEB. 22

VERO BEACH COMMUNITY CENTER

For Information
Write—
HAMFEST
P.O. BOX 3088, Beach Station
Vero Beach, Florida 32960

presented by
THE VERO BEACH AMATEUR RADIO CLUB
and
THE ST. LUCIE REPEATER ASSOCIATION

Talk-In — 13/73 52/52 04/64 222.34/223.94
Fly-in — Vero Beach Municipal Airport

PRIZES — DRAWINGS — ARRL FORUMS — SWAP TABLES
TAILGATER AREA **QCWA LUNCHEON**

TO: HAMFEST
P.O. 3088, Bch. Station
Vero Beach, Fla. 32960

Please send _____ Tickets @ $ 3.00
Please reserve _____ Tables @ $10.00
Please reserve _____ Spaces @ $ 5.00
Enclosed is check or money order for $ _____
Name _____ Call _____
Address _____
_____
Phone _____ Firm _____

TWO-DAY FAMILY TICKETS
ADVANCE — $3.00
AT DOOR - $4.00

TWO-DAY TABLES
ADVANCE — $10.00
(Limited - 4 Per Person)

TWO-DAY TAILGATE AREA
$5.00 Per Space
(Amateur Radio Related Only)

NEW AMATEUR STORE!

WE ARE PLEASED TO ANNOUNCE THE OPENING OF THE MIAMI RADIO CENTER CORP. IN MIAMI . . .

We have in stock:

SHURE • VISTA POWER SUPPLIES • HUSTLER • VHF ENGINEERING • MFJ • WM. NYE • ARRL PUBLICATIONS • B&W • CUSHCRAFT • AMATEUR CALLBOOK • VAN GORDEN • YAESU COMMERCIAL LINE • COBRA CB • 73 MAGAZINE • SEXTON CABLE • AZDEN

Inquiries invited

MIAMI RADIO CENTER CORP.

5590 W. Flagler St., Miami, FL 33134

(305) 264-8406

WE ACCEPT USED EQUIPMENT ON CONSIGNMENT

MRC

ONE WORLD
Amateur Radio
ONE LANGUAGE

AGL ELECTRONICS INC.

1898 Drew Street
Clearwater, Florida 33515
Tel.: (813) 461-HAMS

Not associated with AGL — Dallas

NETS from page 6

Now that is 49% of the roster checking in 80% or better and this is 7 a.m. Wow! Now that is dedicated traffic handlers.

Miss Evelyn, W4WYR, had the Dec. 31st session ended the net year with "Mother Time" signing off, of course just previously on Dec. 24th as NCS she had 81 pieces of traffic to shuffle; and this was done in 51 minutes. That might be some sort of record.

Miss Jan, WD4AWN had the first session of the new year. This also might be some sort of a trend with the ladies ending a year and then starting another.

To the other NCS, let met say many thanks for all your efforts in making 1980 a good year for the Friendly Phone Traffic Net. These last months have been quite a traffic load, and it will seem good to have just a little less to handle for a while.

SO COME ON IN AND START YOUR HAM DAY THE FRIENDLY FLORIDA PHONF TRAFFIC NET WAY.

WHY IS THERE TRAFFIC?

By Frank Haas, WB4HKP

Amateur Radio, by FCC definition, exists to provide a non-commercial voluntary communications service with a primary objective of providing emergency communications. In addition, the existence of the Amateur Radio Service supposedly keeps a "reservoir" of trained communicators ready to provide emergency communications should the need arise. If a disaster were to strike today, would you be able to effectively provide assistance as an emergency communicator?

What has this got to do with traffic? Everything! In an emergency, information must flow quickly, accurately, and reliably between officials of numerous agencies to provide post-emergency services. This information flow is augmented with the need to provide information to the "outside" world which is waiting for information as well. If most areas were struck by a disaster today, they would be hard pressed to find enough trained amateurs who could be useful as emergency communicators. CBers in many parts of the nation have supplanted amateurs in this respect because of their greater numbers and in some cases greater public service spirit.

The fact that most operators don't know message form or procedure or never engage in net operation or training drills is pointed up in an excruciating way when such ops start popping into emergency nets saying, "Don't know much about this here traffic stuff, but will be glad to help." Such operators are better off "helping" in some other way; they only clutter up nets and slow things down.

Besides providing training and practice for emergency communications, traffic provides the knowledgeable, gregarious and thrifty op with a means of cheaply keeping in touch with friends and relatives all across the nation. He reduces his long distance phone bill or in the case of at least two local ops, doesn't even bother with one. He almost forgets about postage and does it on the nets.

Finally, traffic provides some operators with their sole form of hamming. The public service aspects of traffic are tremendously rewarding. Traffic can provide hours of pleasure for the op who is looking for organized, efficient and non-liddish practice. Responsibility and purpose also fit in as a traffic handler finds himself among that small minority who can be useful when it REALLY counts. (DBARA Ground Wave)

WANTS TO FORM NATIONAL NET

Amateur radio operator Edward F. Ryan, of Watertown, Conn., is interested in starting a nation-wide "HAM" network composed of AARP Association members. Ryan's call letters are "K1DDY".

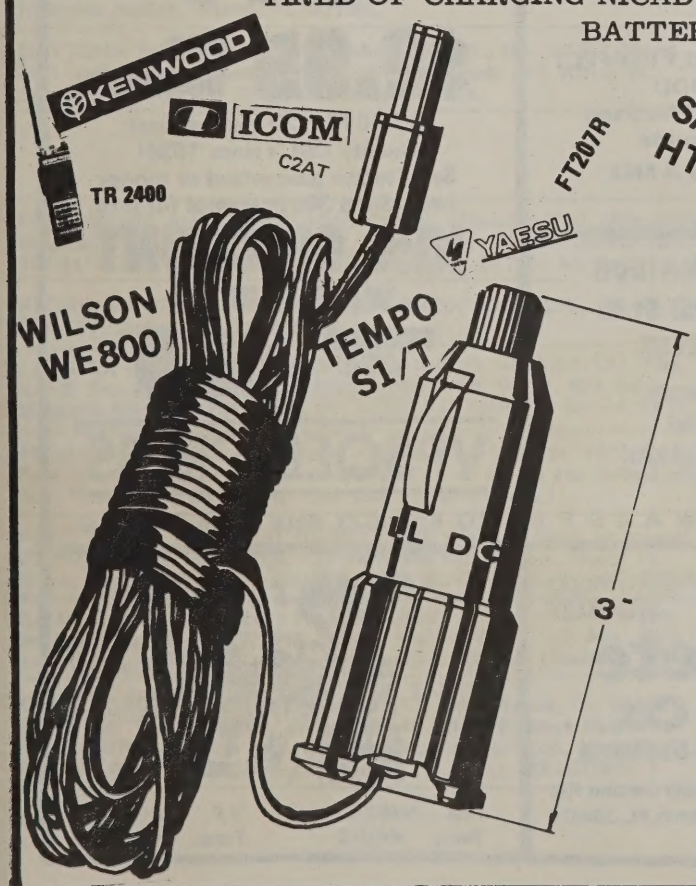
A "HAM" operator since 1958, Ryan says there are more than 30,000 amateur operators in the United States who can converse coast to coast. "Our network could be very helpful during emergencies and we could exchange a lot of useful information," he explained.

(If you are an amateur radio operator and would like to form a new net, send your name, address, phone number and call letters to: Edward F. Ryan, 50 High St., Watertown, Conn. 06795.)

PCARS CLOSES PATCH

The members of the Platinum Coast Amateur Radio Society, Melbourne, voted to close the autopatch on the Melbourne 25/85 repeater as of January 1, 1981 to all except PCARS members or for emergency use. It should be noted the repeater will remain open to all, and trancients are welcome and encouraged to use the autopatch. 73, WB4POT.

TIRED OF CHARGING NICAD BATTERIES IN YOUR WALKIE-TALKIE?
BATTERIES GO DEAD RIGHT IN THE MIDDLE OF A QSO?



HERE IS THE ANSWER!

A DC-DC CHARGING AND OPERATION FROM YOUR VEHICLE!

SPECIFICATIONS

Input Voltage: 12-15 volts negative ground.
Charge Rate: Variable.
Devices: All Solid State Silicon.
Plugs: Cigarette lighter plug to car, matching plug to radio with 5 ft. cord.
Light: Built-in LED to indicate cigarette lighter socket is functional.

PRICE: $21.95 plus $1.00 handling and postage.

MIKE'S ELECTRONICS
1041 W. COMMERCIAL BLVD.
FT. LAUDERDALE, FLA. 33309
(305) 491-7110
MIKE SPIVAK
WB4RFC

KA4JPD
BOB WILSON

C. WILSON CONSTRUCTION CO.

Citrus, Cattle, Highway & Heavy Const.

73 Bartow, FL

Martha A. Gottfried, Inc.
Registered Real Estate Broker

WD4HAL

REALTOR

Lawrence H. Connelly
REALTOR - ASSOCIATE

328 B. Royal Palm Way Office (305) 665-8600
Palm Beach, FL 33480 Eves. (305) 842-1861

WANTED – WANTED – WANTED
NEW UNUSED TUBES
We have largest stock of unused tubes. Will trade or purchase your unused excess tubes. All inquiries will be answered promptly.

U.N. ELECTRONICS, INC.

1632 W. 31 Place, Hialeah, FL 33012
Phone (305) 821 3114

MIDLAND 2 METERS
CUSH CRAFT ANTENNAS
FULL LINE OF RADIO & TV PARTS
CB and Marine Antennas
CB Radios, Hi-Fi Equipment
Check your TV tubes FREE
TV Antenna Systems

HIALEAH ELECTRONICS

612 E. 9th St., Hialeah, FL 33010
Phones: (305) 887-5936 or 885-0992
WB4WNA (Joe)

New Finco 2&6
SINGER BEAMS

WB4AJQ Owner - RESTAURANT

STAFFA'S COUNTY LINE

Specializing in Pizza
Phone Orders will be ready to Take Out
J. S. Hwy 1 at County Line Road
Jupiter Tequesta, FL 746-4339

HAM RADIO REPAIR
ANSEL E "GRID" GRIDLEY,
W4GJ0
(904) 799-2769
212 MARTIN DRIVE
BROOKSVILLE, FLORIDA 33512

BIG SIGNAL Balun
NOW HAS LOTS OF BROTHERS:
- ENCLOSED CENTER INSULATOR
- QUAD HARDWARE
- END INSULATOR
- 2000w FILTER
- 5 BAND ANTENNA KIT

W2AU Balun
WORLD FAMOUS
Ask for our catalog
FACTORY: 800-448-1666

UNADILLA/REYCO DIVISION
MICROWAVE FILTER COMPANY, INC.
6743 KINNE STREET, EAST SYRACUSE, N.Y. 13057

GABRIEL COMMUNICATIONS

ROBERT BARNETT, WB4MWW,
Technical Manager
2-Way technicians needed at Fort Lauderdale, Boca Raton & W.P.B.
1400 N.W. 23rd Ave. 792-1234
Fort Lauderdale, FL 33311

THE Cavender CORPORATION
Realtors Since 1957
Bev Cavender, W4ZD
DRAWER 1083 · U.S. 27 NORTH Office: (813) 465-4451
LAKE PLACID, FLORIDA 33852 After Hours: 465-2638

Adult Community
900 U.S. 41 North
Brooksville, FL 33512
904-796-5138

Clover Leaf Farms

Clover Leaf Forest

CLUB STATION
WD4IIO
Adult R.V. Park.

MILK

NATURES MOST NEARLY PERFECT COMPLETE FOOD
W4GM – E.C. "Clark" Mattson
Okeechobee, Florida
Producers of Grade A Milk

QSL'S

$2.95 PER HUNDRED
(1,000 PRICE) Fast service!
Quality QSL's since 1934!
Satisfaction guaranteed or money back. Send 30c in stamps for info.

10% DISCOUNT WITH THIS AD

VISA master charge

VP5QED PRESS

P.O. Box 1523, Boca Raton, FL 33432

ENGRAVED CALL & NAME BADGES
DESK SETS & PLASTIC SIGNS
LICENSE PLATES / QSL CARD HOLDERS

FLORIDA CUSTOM PLASTICS

– CUSTOM ENGRAVING –
HARRY E. KEITH, KA4HWY
P.O. Box 1617 or 9900 Ulmerton Rd. N. 56, Largo, FL 33540 (813) 584-5121

SPECIALIZING IN AMATEUR RADIO RUBBER STAMPS. $1.00 A LINE 3" WIDE OR LESS. . .
Roy's Rubber Stamps
319 N.E. 1st Street
Belle Glade, FL 33430
305 996 - 6957
Roy WA4SFF

Hi-W4IAD W4TVK-John
Speicals on Foreign Tape Recorders, Radios, Hi-Fi Stereo Equipment, Parts and Service
SONY TV TAPE RECORDERS

SAFS, INC.

Authorized Factory Service of Tampa
HI FIDELITY ENGINEERS
1719 Kennedy Blvd.
Tampa, FL 33606
Phone 813 253-3228

Ken Block WD4KSO
Jon Knapp WD4KSN

Complete Service Co.

Quality TV Antenna Systems

305/842-1331
7535-36 Garden Rd.
Riviera Beach, Fl., 33404

FLORIDORAS

EACH TUESDAY 9 A.M.
3933 kHz
ALL YLs WELCOME

Pres. N4BZG V.P. K4KUU
Secty. K4UIZ Treas. WB4ZPU

FLORIDA SKIP DIRECTORY

(List your club or net only $16.00 a year. Limit 3 lines. $2.00 for each additional line and/or any change to present listing.

AMCOR RADIO CLUB Inc. N4AIV/R, 144.61/145.21 WB4QKZ/R 222.62/224.22, K4HIR/R 443.3/448.3, 220 Tech net on 223.5 830 PM Thurs. & 220 Communique publication. Mail: 420 SW 81 Terr. North Lauderdale, FL 33068.

AMERICA RADIO CLUB. WD4NLG/R 146.13/146.73. Bilingual Rptr. Net meets each Tues. 8PM. Club meets 1st Wed. of month. Emergency 14,280MHz - 7160kHz. (Back-up Rptr 144.75/145.35) Mail: P. O. Box 651004, Miami, FL 33165

AREC REPEATER GROUP, Inc. 07-67, WA4ARE/R. Box 532, West Palm Beach, FL 33402. Breakfast 10AM every Sunday at Clock Restaurant, North Dixie, Lake Worth, FL. All amateurs welcome.

BREVARD REPEATER ASSN. WR4AFI, 28/88, Cocoa. 146.43/147.93 Cocoa Bch. Meets 1st Mon. 1930E 1st Nat. Bank Merritt Isl. SR3 & 520.Mail: RR3 Box 433, Merritt Islando, FL 32952.

BROWARD AMATEUR RADIO CLUB, Inc. W4AB, WR4ADU 146.31/91. 2nd Fri. ea month 745PM, Griffin Pk, 2901 SW 52 St. Ft. Lauderdale. Mail: Ken & Ruth Burg KA4AES-AEV, Co-Sectry, 2611 SW 58 Manor, Ft. Lauderdale, FL 33316 305 966-1880.

CLEARWATER AMATEUR RADIO SOCIETY, WB4BZF, meets 2nd & 4th Fri., 730PM Upper Pinellas County Red Cross, 624 Court St. Clearwater, FL. Mail: P.O. Box 7388, Clearwater, FL 33518.

COLLIER COUNTY AMATEUR RADIO. Meet 730PM, 3rd Tues. at Coast Federal Savings & Loan, 2400 N. Tamiami Trail. Mail: Al Simpson, 1131 Milano Dr., Naples, FL 33940.

DADE RADIO CLUB, Inc. W4NVU. Meets 1st & 3rd Tues. Museum of Science, 8PM, 3280 S. Miami Ave., Miami. Mail: P.O. Box 350045 Riverside Station, Miami, FL 33135.

DAYTONA BEACH AMATEUR RADIO ASSN., Inc. K4BV. Meets 8PM, 3rd Monday monthly, American Red Cross, 341 White St., Daytona Beach, FL. Come and bring a friend.

FELLOWSHIP AMATEUR RADIO CLUB: Meets3rd Tue. Osteopathic Hospital, 1750 NE 167th St., No. Miami Beach 730PM WA4QLQ/R 147.81/147.21. Mail: Box 680284, Miami, FL 33168. All welcome.

FLORIDA GULF COAST AMATEUR RADIO COUNCIL, Inc. P. O. Box 157, Clearwater, FL 33517.

FLORIDA REPEATER COUNCIL. Pres. K4BZS, VP WA4VQU, Tres. K4KE, Sec. KO4J. Freq. Coordinator, Al Friend, W4CF, 631 Lake Moggorie Blvd., St. Petersburg, FL 33705 813-866-2091 before 10PM.

FLORIDORA YL'S, W4FE. Pres. N4BZG, Sheila Smith, 1636 South Page Dr., Deltona, FL 32763. All Fla. YL's & XYL's are invited join. Net: Tues. 9AM, 3933 kHz. (See box ad for officers.)

FORT MYERS AMATEUR RADIO CLUB. Meet 1st Wed. ea month 730PM, 1st Fed. & Savings, 121 Pomdells Rd. SR78A, North Ft. Myers. Mail: Cash Luzny W4MPV, 4286 St. Clair Av. Ft. My. 33903

GAINESVILLE AMATEUR RADIO SOCIETY, Inc. K4DPZ, Meets 1st Tues. each month 730PM, C.W.A. Hall, 1949 NE 27 Ave., WR-4ACE/RPT, 146.22/.82 weekly net Sundays 830PM. Check in.

GOLD COAST FM ASSN. Inc., Box 313, Boca Raton, FL 33432. Emgcy net Thurs. 730PM. WB4QFY 146.22/82. Traders Net 8PM. WB4UFA/R meets 4th Mon. 730PM. Imperial Pt. Hosp. Med. Ctr. 6401 N. Federal Hwy., Ft. Lauderdale, FL. ALL WELCOME! !

HILLSBOROUGH AMATEUR RADIO SOCIETY, Inc. WA4GJJ. Meets 4th Wed. 730PM. Pan Am Bank Bldg., Sulfer Springs. Mail: PO Box 24602, Tampa, FL 33623. Phone for info (813) 884-7035.

HOLLYWOOD AMATEUR RADIO CLUB, Inc. WB4TON/R 146.385/146.985. Meets 3rd Mon. 7:30PM Washington S&L Assn. RM AB-450 North Park Rd. Mail: P.O.Box 6306. Hollywood. FL 33021

INDIAN RIVER AMATEUR RADIO CLUB. W4NLX. Meets 4th Tue. First National Bank, Merritt Isl., 730PM. Mail Box 5, Cocoa 32922.

JACKSONVILLE RANGE ASSN. K4YLX/R 146.16/76 & 146.28/88. Meet: 1st Tues. 730PM. Rm. 114 Jacksonville Univ. Mail: P. O. Box 10623, Jacksonville, Fl 32207. The Door opens wide.

KEY WEST AMATEUR RADIO CLUB. W4LLO/R 146.34/94. Meet 8PM, 2nd Tues. Sportsman Inn. No. Roosevelt Blvd. Mail: P.O. Box 2371, Key West, FL 33040. Phone 296-2723. Most southern R. C.

LAKE AMATEUR RADIO ASSN. Inc. K4FC, Meets 1st & 3rd Thurs. 8PM clubhouse, Springdale Ave. Bassville Park. Mail: c/o J. Tolliver KC4PQ, P. O. Box 925, Lady Lake, FL 32659 Phone 753-4585.

MANTEE AMATEUR RADIO CLUB' Meets 2nd Tue. ea. month 730 PM. Central Library, 1301 Barcarrota Blvd. Bradenton. Club call K4-GG, memory Earl Dannals. Mail: P.O. Box 9485, Bradenton 33506.

MAVERICK REPEATER ASSOCIATION. 147.945/147.345 and 146.370/146.970 with 10 mtr link input 29,540/29,640 output and two meter link in New York on 144.850/145.450. Inquires welcome from General Class license holders and above. Call 305 596-6970 or 305 552-0881, Miami.

NORTH FLORIDA AMATEUR RADIO SOCIETY, W4IZ. Meet 2nd Thurs. 730PM 1st Presbyterian Church, Ocean & Monroe St., Jax. Mail: Billy Williams N4UF. 911 Rio St. Johns Dr., Jax, 32211

OLD OLD TIMERS CLUB (OOTC). Florida Chapter. Net meets ea. Sunday 2PM on 7247kHz. Info from: Herb Spitz, WA4UOE, 340 SW 64th Way. Pembroke Pines, FL 33023.

ORLANDO AMATEUR RADIO CLUB. W4PLB 146.22/82, 146.16/76. Meets 3rd Wed. ea. month, 1st Fed S&L Community Rm. Edgewater Dr. 730PM. Info Donald P. Allgor KC4DU, 305-298-6656 or P.O. Box 7367, Orlando, FL 32854. All welcome any time.

PLATINUM COAST AMATEUR RADIO SOCIETY. Meet 2nd Mon. ea. month, Red Cross Bldg., 1150 S. Hickory St., Melbourne. Mail: Box 1004, Melbourne, FL 32901. Repeater: WR4AMJ 146.25/85.

PLAYGROUND AMATEUR RADIO CLUB, W4ZBB. Meets 1st & 3rd Thurs. 730PM, clubhouse on 1st St., Ft. Walton Bch. Mail: P.O. Box 873, Ft. Walton Bch., FL 32548 WR4ABZ on 146.19/79.

QCWA CALOOSA CHAPTER. Luncheons last Wed. ea. month 1130 AM. Twistys Restaurant, Cape Coral. Left at light a west end Cape Coral bridge. Info: D. Bowman, W4OUU, 5317 Colonade Ct., Cape Coral, FL 33904 Phone 813-542-4656.

QCWA CENTRAL FLORIDA CHAPTER. Meets 2nd Sat. Noon Sept. thru May at Hilton Inn, I-4 & US98 in Lakeland. Net Sat. 1000AM 7240. Info: Jim Gundry W4JM, Pres. 813 644-3435.

QCWA CITRUS CHAPTER' Meets 3rd Sat. Holiday Inn, Sanford at I-4 at 1130AM. Chrmn K. Street G3DKS/W4. Bill Waldo W4PI, Secty. Bob Ragsdale, W4AJX Tres. Net 930AM Sat. 3955kHz. Please join us!

QCWA EVERGLADES CHAPTER. Meet last Sat. Sept. thru April Sweden House, 5550 N. Fed. Hwy., Ft. Lauderdale, Info see SKIP news or call Roy McCarty W9KA, 305 731-4145.

QCWA FLORALA CHAPTER. Meets Noon 2nd Sat. ea. mb. at Fat Boy's BAR-B-Q near Ft. Walton Bch Fairgrounds. Pres. WA4IWW, Sec-Tre. W4MMW, John Lakin, 10 Linwood Rd NW., Ft. W.Bch 32548.

QCWA GATEWAY CHAPTER. Net Sat. 11AM 7230. Luncheons 3rd Sat. Uncle Johns Pancake House, Bch Blvd., Jax. Pres. W2KGI, VP W4JL info from R. Reddy, WB1ELI, Secy/tres., 7604 Tacony Dr., Jax, FL 32211.

QCWA GATOR CHAPTER' Tampa Bay area. Meets 1st Sat. Noon at El Capitan Restaurant, 2525 Gulf-to-Bay Blvd., Clearwater. Wkly net Sat. 0930 on 3920. E. Nannis K4JMH 14996 Imperial Pt. Dr. N, Largo 33540.

QCWA PALM BEACH CHAPTER. Meet 1130AM last Tue. Sweden House. N. Palm Beach. El Hermanson W4CQL, Sec/Tres. 8031 Pine Tree La., Lake Clarke Shores, FL 33406. Phone 305 582-7704.

QCWA SOUTHEAST CHAPTER. Meet 3rd Sat of odd numbered months. Noon, Chateau Bleu, 1111 Ponce de Leon, Coral Gables, FL. Net: 146.94 Weds. 9PM. Info: W4KO, W4KGJ or K4BLM.

CLUBS from page 4

In a related matter which will be of interest to members of the club our sister organization, the Sarasota Emergency Radio Association, at its annual meeting voted to purchase a brand new repeater with all sorts of wonderful electronic gadgetry, including Autopatch. The new machine will replace the current one which is largely handmade and has been in continuous service for more than four years. Even now the old receiver will not get a rest, because there are plans for it to be the secondary or back-up repeater at a site near I-75, so that travelers up and down the Interstate can avail themselves of its facilities. (If the Interstate ever gets completed, that is!) Happy New Year!

SPARC — METRO CLUBS
By Marie Adams, KA4BBB

Sparc Club meets first Friday of month, 8 p.m. at Red Cross headquarters, 818—4th St., N. St. Pete. Repeater Team meets 7:30 p.m., 3rd Friday of month at same location.

Oficers for 1981 are: Pres., John, WD4COL; V. Pres., Ernie, WA4IIT; Sec., Debbie, N4APZ; and Treas., Frank, W4VIP. John, W4ACG, reappointed Trustee of club station W4GAC. Woody, K4SCL, reappointed Trustee of 2 meter and 220 repeaters. Publicity Chairmen are Hank, WA4WKO; Frank, W4VIP; Frank, K4SQ, assisted by Oliver, WD4KGY; Bob, WB4OIG; Jack, W4NOK; St. Pete Hamfest Chairman, Bob, WB4DWU; FGCARC director, Jack, W4CZS; FGCARC alternate director, Woody, K4SCL; Co-chairmen of TVI committee, Hank, WA4WKO and Rex, W4GPL; Chairman Sunshine Committee, Frank, W4VIP; Co-chairman of Festival of States Communication Committee, Woody, K4SCL and Betty, WA4TJG.

Dick, WA4ITC, and Joe, N4DTD, upgraded to advanced. Congrats and good DXing. John, WD4COL and Debbie, N4APZ are expecting a little harmonic in August. Congrats to both. I bet Debbie will upgrade while perking during summer months.

Sparc monthly March meeting, 1st Friday, will feature annual auction so bring all ur goodies and join fun. Contact Lee, WB4TEJ and plan to assist or donate surplus gear for Pinellas Boy's Club Hamfest Feb. 15th in Pinellas Park Boys' Club.

Metro Club meets 4th Friday of month at Pinellas County Sheriffs Dept., S688 (or Ulmerton Rd.) and Seminole Blvd. at 7:30 p.m. Sat. a.m. breakfast at Mr. Tibbs, 66th ST. and 52 Ave. You all come and enjoy the fellowship. Bill, K4OS back from smashing vacation in T12 land.

Welcome home, Bill. Jake, W4ZDN, from Va., retired FCC officer, is joining the activities of Metro group. Welcome aboard, Jake. Joe, KA4BPY, upgraded to general class. Congrats, Joe. Thanks Dave, K4LCJ, for very interesting slide presentation on Holy Land and trip to Egypt at Jan. meeting. The slides were beautiful and it was especially nice to see you again.

Mike, N4AUO steamed back to Ga. in Jan. to continue his studies. Glad we had some good visits with all our amateur friends over the holiday season. It really made the time extra specially nice. See you at the next coffee break. Happy Valentine's Day. 73's and 88's.

HARC NEWS
By Dick Totten, WA4CFA

The HARC meeting for January featured a talk and demonstration of radio controlled model airplanes by Marvin Maggio, a local modeleer. The model pilots use a number of radio frequencies with the most successful one being 6 meters which, of course, requires a Ham license.

Scores are still coming in from the Grand Cayman DX-Pedition during last Thanksgiving week. From N4BP comes the information that for 28MHZ single band, single op, he racked up 360,654 points with 1,884 QSOs. Bob noted that all scores could have been better except for a poor antenna location.

The WB4TON Repeater Council reported that they have a filter about ready which it is hoped will cure our intermod problem.

N4UM, Tim Cotton, is chairing a group who are designing some DF equipment for fox hunts and tracking down kerchunkers and the like.

Last summer QST published a story about a Ham Club that went to Hell (Michigan, that is) for a DX-Pedition so N4BP decided to top them with an interplanetary one so next May a group from HARC will travel to Jupiter and Venus, (Florida, that is) call Bob Patten if you want to join it.

Don't forget, 1981 dues should be paid before February 13.

LAKE CLARKE DX ASSOCIATION
By Gene Sykes, W4OO

FROM UP GAINESVILLE WAY, WA4SVO closed out '80 with 307 confirmed of 311 total to move up into the sacred circle. That new two-element, 40 Meter yagi doesn't seem to cramp his style a bit, either! VP8 and OX on 75 raised that band's sub-total to 109 for Mark, certainly one of the state's best LF transciever scores. Technical problems overcome and the new linear percolating as planned, Jack, W4OWJ, has renounced the golf greens for the DX scenes (anyway, until warmer wx!) and rumor has it that, in this, his first top-band year, he is pushing some 30 countries on 160 whilst, daily, mauling the competition on the other bands. (If we can keep him off repeaters he may yet succeed at DX!). A choice new hacienda in the suburbs of beautiful, downtown Lake Clarke Shores will soon put Barry, WD4HAS, back in the ham business and restore a missing howitzer to our arsenal.

THOSE HIGH, HOLY Holidays took their toll of our Sunday caucuses but don't despair, 7225 on Sunday mornings is still where it happens and if you do not get it here, it's because it doesn't exist! The broken arm doesn't keep Bev, W4ZD, from chasing Asians on 80's low ledge nor did it prevent his replacing the Alpha's 8878. Ouch! (Some might feel that the pain of springing for that "jug" would surpass the pain in the arm). Henry, W4PZV's, home study course in IC technology is beginning to pay off; now he knows how they do NOT go into the circuit although he says it's all in your point of view (from above or below, that is). Finally, two of ARRL's attractive new WAS certificates, one for 6 and the other for 160, recently arrived at W400 as a footnote to Christmas. Next step, now, is to fill in the many gaps in the 5-Band middle.

—Jimminy Cricket

NORTHERN FLORIDA NEWS
By Billy Williams, N4UF

Congratulations to the new officers of the Daytona Beach ARA. Ken Vanslette, WB4FKL, was elected President. Francke Fox, WB4WTJ, is VP and Marion Sampson, KA4PIR, was chosen as Secretary. Ray Wilson, KA3BGU was elected Treasurer. Directors are Ivan Smith, W4PLO; Robert Haviland, W4MB, and Gray Berry, W4MGO. Frank Haas, KB4T, is Repeater Committee Chairman and William Morgan, KA4EFN Repeater Treasurer.

In New Port Richey, the Gulf Coast ARC elected Jim Johnson, KC4LJ as President and Ed Garwood, N4AYH as VP. Treasurer is Bill Westley, KC4JL and John Ryan, WA2UNO is Secretary. The new officers were installed at the GCARC Christmas Banquet which attracted a large gathering.

Quite a lot of activity trafficwise in the section as 5 amateurs earned Brass Pounders League (BPL) awards in December. WA4CRI, W4SIZ, N4PL, WD4IIO, WB4EXA all made the grade. Eleven made the Public Service Honor Roll including WA4CRI, N4PL, AA4FG, KC4MM, WA4EYU, WD4HIF, N4AXN, KF4U, WD4DIU, WB4TZR and N4BZH.

QSY to page 17

TOWERS EXCELLENT FOR AMATEUR RADIO
by ALUMA

HIGHEST QUALITY ALUMINUM & STEEL

60 Ft. Aluminum, Crank-Up Model T-60-H

40' Steel Crank-Up Model SHD-40

★TELESCOPING (CRANK UP)
★GUYED (STACK-UP)
★TILT-OVER MODELS

Over 36 types aluminum and steel towers made—specials designed and made—write for details

Easy to install. Low Prices. Crank-ups to 100 ft.

Special Four Section 50 ft. Van Mounted Crank-up—Perfect for Fast-in; Fast-out situations.

CALL OR WRITE FOR SPECIFIC LITERATURE—ALL FREE—

ALUMA TOWER CO.
BOX 2806FS
VERO BEACH, FLA. 32960
(305) 567-3423 TELEX 80-3405

TOWERS- QUADS- TOWERS- QUADS

QUADS

2, 3, or 4 elements, pre-tuned and ready to assemble. Three types of spreaders to choose from: bamboo, one-piece fiberglass, and telescoping fiberglass. 10-15-20 & 40 meters. Easily adaptable to the new WARC frequencies as well. Parts are also sold separately

*As to performance and durability, our reference is any amateur who owns one.

TOWERS

Aluma and Teletower. Aluminum or steel crank-down and tilt-over, from $259.10.

Phone 1-813-988-4213 or send 30¢ in stamps for complete details on quads, towers, or both.

SKYLANE PRODUCTS

W4YM
406 Bon Aire Ave.
Temple Terrace, FL
33617

SURPLUS ELECTRONICS

And other Surplus Items . . . NEW and USED . . . All at Surplus Prices, Largest transformer stock in Central Florida. Motors—Gears—Gadgetry—Circuit Boards—Electronic Components & Hardware—Test Equipment—Meters—Gauges—Electronic Racks and Tons of other Hard-to-Find Items.

Skycraft Parts and Surplus

2245 W. Fairbanks Ave.
Winter Park, FL 32789
at I-4 and Fairbanks Phone 305-628-5634

SERVICE • REPAIR

COLLINS & MOST OTHER COMMUNICATIONS EQUIPMENT

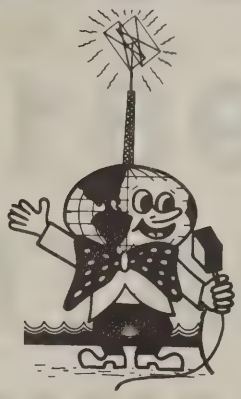
REEN CORP.

1241 N.W. 8TH AVE., MIAMI, FL 33136
(305) 325-8795

IZZY ARMENTEROS
WA4PPB

FCC LICENSED

WELCOME



To The
First International
RADIO AMATEUR
ELECTRONIC
EQUIPMENT
FAIR

When? August 14-21, 1981
Where? Deauville Hotel
Miami Beach, Fla.

For further information contact:
MIAMI'S INTERNATIONAL RADIO
AMATEUR ELECTRONIC EQUIPMENT FAIR
752 W. Flagler St., Suite 206
Phone (305) 324-5894

franchised TEN-TEC dealer

DELTA

all new and all 9 hf bands

WHY PAY MORE?

SEASONS GREETINGS TO ALL

MIKE'S ELECTRONICS
1041 West Commercial Boulevard
Fort Lauderdale, Florida 33309
305-491-7110

MIKE SPIVAK
WB4RFC

The Orlando Amateur Radio Club Inc. Presents

'ORLANDO HAMCATION 81'

and the

1981 ARRL NATIONAL CONVENTION

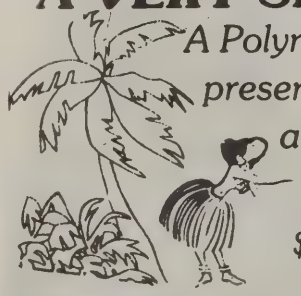
MARCH 13*-14-15 AT THE SHERATON TWIN TOWERS

ON S-435, JUST WEST OF FLORIDA'S TURNPIKE & I-4 INTERCHANGE

REGISTRATION: Advance (till Feb. 20, '81), All Amateurs, and Students Over Age 14, $4.00; At The Door, $5.00
Ladies, Children (under 14), **FREE.**

Swapfest Tables, $10.00 Each All Three Days. No One-Day Tables Available.

A VERY SPECIAL SATURDAY NIGHT FEATURE...



A Polynesian Luau Banquet with the Drums of Tahiti floor show, presented at Sea World, featuring a Great Guest Speaker, a warm Polynesian Gift for all and, to top off this wonderful, fun-filled evening, a Major Prize will be awarded.

$16 each ($18 after Feb. 20 if available) includes transportation.
(from Hamcation site and return)

NOTICE...LIMITED SEATING AVAILABLE. ADVANCE REGISTRATION SUGGESTED.

FREE RV PARKING for self-contained units only, adjacent to Hamcation parking lots.

HAMCATION HOURS

*Friday, Registration Opens at 4 PM.
Swap Shop Open From 6 to 9 PM.
Saturday, All Areas Open 9 AM to 4 PM.
Sunday, 9 AM to 3 PM.

Mail all orders, hotel and other information requests to:

HAMCATION CHAIRMAN

P.O. Box 191, DeBary, FL 32713

Make checks payable to:

The Orlando Amateur Radio Club, Inc.

A FEW OF THE MAJOR FEATURES OF THE CONVENTION...

DX FORUM...Saturday AM, A Four Segment Program
John Kanode - N4MM, ARRL DX Advisory Committee; Don Search - W3AZD, ARRL DXCC Manager.

AMSAT/SEASAT...Saturday AM
Jan King - W3GEY, Project Director; Mark Wilson - AA2Z, ARRL OSCAR Education Director.

TECHNICAL FORUM...Saturday AM
Doug DeMaw - W1FB, QST Senior Technical Editor.

HAND KEY CODE SENDING CONTEST...Saturday AM
Charles Anderson - N4KF

SOCIETY OF WIRELESS PIONEERS...Saturday AM
William Willmot - K4TF

ARRL FORUM...Saturday PM
President Harry Dannals - W2HD; Frank Butler - W4RH; Larry Price - W4RA; Doug DeMaw - W1FB
John Lindholm - W1XX; Vic Clark - W4KFC.

FCC FORUM...Saturday PM
John Johnson - FCC, Washington, D.C.

FLORIDA MID-DAY TRAFFIC NET...Saturday PM
Al Suhr - WB4AID, Net Manager.

FLORIDORAS...Saturday PM
Evelyn Gauzens - W4WYR. ARRL Vice Director.

AMATEUR TELEVISION...Saturday
Slow Scan, Fast Scan, Medium Scan & ATV Forums. Dave Hall - W4TOD

LADIES' PROGRAMS...Saturday All Day
Fashions On Parade, House Plant Care, Dancing Lessons, Exotic Dancing By Phaedra. Handwriting Analyst, Trips. June MacLean - W4PIK

ARRL COMMUNICATIONS DEPT. FORUM...Sunday AM
John Lindholm - W1XX, QST Operating News.

ARRL LONG RANGE PLANNING FORUM...Sunday AM
Vic Clark - W4KFC, ARRL Honorary Vice President.

HAM COMPUTER APPLICATIONS...Sunday AM
Bill Henry - K9GWT, Hal Communications

QFN BREAKFAST...Sunday Morning
Walt Terrie - N4WA

SUNSHINE STATE ARRL ACTIVITIES FORUM...Sunday AM
Section Communications Managers' Forum, Traffic Forum and Emergency Communications Forum.

***QCWA LUNCHEON**...Hosted by the Citrus Chapter QCWA, Saturday noon at Howard Johnson's (next door to Hamcation), $8.25 per person. For tickets write to Chalmers Stromberg - W4WLX, WDBO-TV, P.O. Box 1833, Orlando, FL 32804.*

★ **AWARDS** ★

MAJOR AWARD FOR SUNDAY

A COMPLETE KENWOOD H.F. STATION

TS-130S Transceiver, PS-30 Pwr. Sup.
VF-120 Remote vFO, SP-120 Speaker
MC-50 Microphone.

TEN ICOM IC-2AT'S TO BE AWARDED HOURLY, PLUS **ONE IC-2AT** AWARDED FRIDAY NIGHT.
MANY OTHER MAJOR AWARDS FOR SATURDAY. MANY HOURLY AWARDS.

NOW OPEN!

A NEW HAM RADIO STORE!

At last there's a Broward center for all serious amateur radio enthusiasts... Crane Amateur Radio, Inc.

We're South Florida's newest sales and service center for amateur radio operators, offering the finest name-brand equipment at reasonable, affordable prices, plus the unquestionably excellent service of N4BP.

Crane Amateur Radio is owned and operated by Harvey Crane, WD4IYS, a professional businessman and an avid amateur radio DX'er. You get first class service and professional advice for your ham equipment and service needs. Our professional sales and service experience will help you select the right equipment and accessories for your system... the first time!

Stop in and browse, or consult with our amateur radio pro's Crane Amateur Radio doesn't carry CB, TV or home appliances, just the best ham equipment and accessories you'll find anywhere!

SOUTH FLORIDA'S NEWEST AMATEUR RADIO SALES AND SERVICE CENTER WELCOMES YOU!

WE FEATURE:

ICOM
Kenwood
Drake
Tempo S-1, S-2 and S-5
Larsen
Hy-Gain
Hustler
K.L.M.
Bird
Perke Electronics
Jim Pak Components
C.D.E. Rotors
Daiwa Meters
Miller Antenna Tuners
AMECO
A.R.R.L. — QST
Call Books
Bencher Keys
W2AU Products
B&W
Cover Craft
Shure
Palomar
Hamco Keys
73 Magazine
Saxton Coax
NYE Viking
Telex

Service by N4BP, Bob Patten- See our new Cushman CE4-B service monitor

HOURS

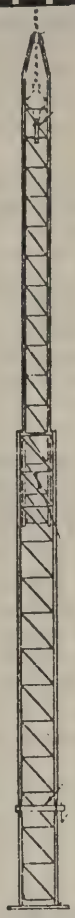
TUES. — FRI. 10:00 AM TILL 7.00 PM
SATURDAY 10.00 AM TILL 5:00 PM
SUNDAY 12:00 PM TILL 4:00 PM
Sorry, closed Monday!

CRANE AMATEUR RADIO, INC.

1351 State Road 84 Ft. Lauderdale, Florida 33315 305/525-0103

LOCATED 8/10 OF ONE MILE EAST OF I-95, ON NORTH SIDE OF STATE ROAD 84. LOOK FOR THE YELLOW AWNING!

SKY TOWERS of VERO BEACH INC.



TOWERS

TV & HAM

CRANK-UP

TILT-BASE

GALVANIZED

SKY TOWERS OF VERO BEACH

BOX 6068
VERO BEACH, FL.
32960

(305) 562-0610

CLUBS from page 12

All OTS appointments became Official Relay Station (ORS) on Jan. 1st. OTS certificates are still valid until renewal time so the appointee need not worry about making a new application.

Walt Grove, KF4U of Winter Park is the new Net Manager of the Gator Net relieving Doug Ryan, W4MEE, who retired after a long period of excellent service. WD4HUZ earned a Section Net Certificate for the Northern Florida Phone Net as did WA4QXT. The Florida Medium Speed Net (FMSN) continues to be very active daily at 1730 Eastern Time on 3.651 KHZ. In December, AA4FG, W3IDO and KC4MM all earned certificates.

The Santa Fe Community College ARC has activated the WB4IJR repeater on 146.19/.79 and the WR4ACE 22/82 machine has been assured tower space on the new WUFT-TV structure. Bob Lightner, WA4PWF was chosen as the GARS Ham of the Year. In Tallahassee, TARS chose John and Myra Hills, KC4N and KA4DCF as Hams of the Year. Congratulations!

Looks like big plans are already under way for Field Day and the traditional battle of the two Northern Florida "big guns" may have a third participant this year. The Orange Park ARC claims they will be tops in '81 and plans are already being made. Look out NOFARS and Hogtown Hammers!

WD4MND passed his Second Class FCC test and WD8DMQ is now KI8U. KA4OOZ has upgraded and is now N4DWF. Halifax QCWA Net is on 3.897 MHZ on Thursday mornings.

Looking forward to the ARRL National Convention at the Orlando Hamcation on March 14-16th. The SCMs of Northern and Southern Florida will host the "Sunshine State ARRL Forum" from 9-12 on Sunday morning at the Twin Towers and all are invited to hear presentations on NTS, Emergency Preparedness, and Florida ARRL affairs. Also remember the ARRL Information Net each Saturday morning (except hamfest weekends) on 3,940 KHZ at 8 a.m. Eastern Time. This net provides Florida amateurs with up to date bulletins and announcements and a chance to speak with League Officials.

The RANGE repeaters on 16/76 and 28/88 in Jax are now fully computerized and future plans call for an interchangeable autopatch and other features. Tech Committee Chairman WD4BIW and his crew keep the machines in top notch shape. NOFARS is sponsoring a Novice Roundup competition among novice members of that group. Logs are due by February 28th.

S.H.A.R.C. TAILS

By Gary Gardner, N4AXN

Congratulations to our newly elected officers: Prez, Ed, WA4WVY; V.P., Burt, WD4MNU; Sec./Tres., John, W4IWR.

Carl, WA4VRC, is much better and has returned to work part time at the project. In the recovery period, Carl has aquired a HW-101 with a long wire dipole, 10-meter ground plane and tuner. Last count, he claims, 10 wpm on CW. Thanks to Red, KA4PNX for the rig; Mike, K8YGZ, for the tuner; Tenny, W4WL, for the 10-meter ground plane; Walt, KA4PTW, N4AXN and WD4PJS for labor.

Burt, WD4MNU, received permission from an Inverness Bank to set up a message origination center and Radio demonstration. With the help of Roger, WD4PGA, Bill, W8ZXN and Tony, W3JYL, well over 60 messages were originated.

Just a reminder, our monthly meetings are at the Midstate Federal Bank in Beverly Hills on the third Monday of each month. We also hold the SHARC/ARES practice net every Monday evening at 7:30 EST on the 146.355/.955 machine.

AMATEUR RADIO CENTER, INC.

ARC

THE PLACE FOR GREAT DEPENDABLE NAMES IN HAM RADIO

- AMECO
- AMPHENOL
- ANTENNA SPECIALISTS
- A.R.R.L.
- ATLAS RADIO
- ALUMINUM TOWERS
- B&W
- BELDEN CABLE
- CODE LESSONS
- COLLINS
- CDE
- CUSHCRAFT
- DRAKE
- E-Z WAY
- ELECTRONIC PUBLICATIONS
- FRED FRANKE
- HY-GAIN
- ICOM
- LARSEN ANTENNAS
- MALLORY
- MOSLEY
- MOTOROLA
- NEWTRONICS
- NYE
- RADIO CALLBOOK
- ROHN
- ROTRON
- H.W. SAMS
- SAVOY ANTENNAS
- SHURE
- SILTRONICS
- STANDARD
- SWAN
- SWITCHCRAFT
- TELEX
- TEMPO
- TRIO-KENWOOD

ARC

ANTENNAS . . . ROTORS . . .
MICROPHONES . . . ACCESSORIES
TECHNICAL BOOKS . .

2805 N.E. 2nd Avenue,
Miami, Fla. 33137
Open Saturday till 5:00 p.m.
MIAMI 573-8383 . . .
FT. LAUD. 524-4484

CURT, K4GLV . . .WE TRADE, BARTER, HANDLE THE BEST . . . LARRY, WB4VWU

A—OK
ELECTRONICS
THE TEST EQUIPMENT SPECIALISTS
RECONDITIONED • CALIBRATED
GUARANTEED
We also buy late model quality test equipment.
Send for free catalog.
Call: Bill at (305) 247-6349, 7:30-9:00
A-OK ELECTRONICS, 1445 N.W. 9th St.
Homestead, FL 33030

Practice Your Hobby as a . . . PROFESSION

EFY Equipped 138 ft. Feadship 6/1/1980

We need people with a strong basic knowledge of electronic theory especially in the field of S.S.B. communications. Our business ELECTRONICS FOR YACHTING is one of constant changes and challenges. S.S.B., V.H.F., SAT-COM, SAT-NAV, SATELLITE WEATHER, RADAR, LORAN and AUTOMATIC PILOTS. All of the latest technology in real life operation. We sell, install and service aboard the world's most luxurious yachts . . . So if you are a little tired of humdrum projects that never seem to vary and desire your "Place in the Sun" literally. Most of our work is out in the field, not in the shop. We get a chanct to travel, too, just a little, once or twice a year for a few days.

Incidently, you do not have to be expert in all phases of the business . . . A background in S.S.B. or RADAR with a desire to learn more is a fine start.

If interested, give us a call at (305) 525-3478.

73s

Don Trumbull, N4DTH ex W1JFT
Paul Adamson. WA4HHH

ELECTRONICS FOR YACHTING

1525 S.E. 16th St.
Ft. Lauderdale, Fla. 33316
(305) 525-3478
Outside Fla. 1-800-327-9384

EXTENDED DIRECTORY

QCWA SUNCOAST CHAPTER. From Tampa so to Marco Isl. Meet at Daveys Locker Rm. of Windjammer Rest., 7100 S. Trail US 41 1st Wed. ea. mo. Oct. thru May. Info; A. Hodson W4PJF 756-5792.

QCWA SWANNEE CHAPTER. Net Sat. 3940, 9AM. Pres. T. Freck W4WL VP H. Hemline W4JOP, Sec/Tres. H. Carpenter K4JTJ, 815 Hemlock St., Inverness, FL 32650 Info phone 904-726-7497.

QCWA TREASURE COAST CHAPTER, Chmn I. Roach K4QM, Sec-Tres. K. Gansler W4PSG. Lunch 2nd Thurs.at Sheraton Regency. No. A1A, Vero Beach. Mail: P.O. Box 3088, Vero Beach, FL 32960.

SARASOTA AMATEUR RADIO ASSN., Inc. W4IE. Meets 3rd Tues. 8PM Rm. A-9, Sarasota Jr. Hi School. Sarasota Hamfest 3rd weekend each Jan. Mail: P.O. Box 3182, Sarasota, FL 33578.

SOCIEDAD INTERNACIONAL DE RADIO AFICIONADOS, Inc. WB4ESB & WB4ESB/R 147.90/30. Mail Box 524071, Miami 33152. Tfc Net 14300 Sat & Sun. 9-11AM. Emgcy net 14205 & 147.510. Info & drill net Tues 9PM thru repeater.

SOCIETY OF WIRELESS PIONEERS (SWOP) EDISON CHAPTER. Meet Sun. 2PM 7053 kHz. Bill K4TF, CHOP. Info about SWOP: Bill Willmont K4TF, 1630 Venus St., Merritt Isl., FL 32952 or net.

SOUTH FLORIDA FM ASSN. WB4MCK/R 146.16/76 & KB4KW/R 146.40/147.00. P.O.Box 430025, Miami, FL 33143. Meet 1st Mon. Place rotates. Call Judy WD4PMK 226-9272 day or 233-9733 eves.

ST. PETERSBURG AMATEUR RADIO CLUB, Inc. W4GAC. Meets 8PM 1st Fri., Red Cross Hq. 818-4th St., Mail Box 4026., St. Petersburg, FL 33731. All amateurs welcome. Bring a friend.

TAMPA AMATEUR RADIO CLUB, Inc. W4DUG. Meets 1st & 3rd Mon. 730PM at Club House, Davis Isle. Columbia & Barbados. Mail: 4316 W. Oklahoma, Tampa, FL 33616 .

CYPRESS CHAPTER of Ten-Ten International meets Wed. 8 PM on 28, 665, covers E. Central FL. K4TSY Chapter Head. For certificate work 5 holders, send log info & $1. to Box Lucas, K4HTU, RD2 Box 2630, St. Cloud, FL 32769.

WEST PALM BEACH AMATEUR RADIO CLUB, Inc. W4HAW, Box 6834, Southboro Station, W. Palm Bch 33405. Meet: 1st Wed. 730 PM, 823 Newark St., W.P.B. Phone 967-1477.

ZEPHYRHILLS AREA AMATEUR RADIO CLUB. Meet 1st Thurs. 730PM, Fed S&L, 816 - 5th Ave. ZAARC net ea. Tue. 9PM 28950/28150. Mail: 6004 Hamster Dr. Zephyrhills, FL 33599.

P.B.R.A. PALM BEACH REPEATER ASSN., Inc. .28-.88 Meets 1st Tues. Each month 7:30 PM Science Museum, West Palm Beach. All welcome. Memberships available P.O. Box 461, Lake Worth, FL 33460 or call Ken Block WD4KSO, Pres. 842-1331.

OSCEOLA COUNTY AMATEUR RADIO CLUB meets 2nd Monday of each month 7:30PM at Sun Bank, 13th St., St. Cloud, FL. Repeater 146.19/146.79 (W4SIE). All visitors are welcome to join us.

SOCIEDAD INTERNACIONAL de RADIO AFICIONADOS, Inc., (SIRA) Seccional Tampa. 146.835/235 bilingual rptr. Nets each Wed. 9-930PM Club meets 1st & 3rd Thur. at Western Sizzilin Steak House, 4215 W Hillsborough Ave., Mail: P.O. Box 15392, Tampa, FL 33684.

FREE: Once again, FLORIDA SKIP is offering it's members a new calendar. A multi-colored, 3½ X 5¾". Each month page shows, last, present and next month in large black numbers. It also shows moon-coverages and all national holidays. We have sent out thousands in the past 20 years. To get yours, send self address stamped envelope to SKIP CALENDAR, Box 501, Miami Springs, FL 33166. P.S. we also send FREE - FCC Form 610's on request with SASE.

AMATEUR RADIO AIDS COAST GUARD

Ham Robinson, W4ZR

On Monday December 22nd, W4ZR received a phone call at 0600Z from the U.S. Coast Guard, asking for assistance in communicating with a vessel in distress.

An agreement to provide this aid was negotiated a year ago by ARRL Emergency Coordinator, Andy Clark, W4IYT.

The fishing vessel "Miss Cindy" was having problems just north of the Cayman Islands. Coast Guard was unable to copy the "Miss Cindy" on 7450 KHz. W4ZR could not transmit on this frequency, of course, but was able to copy, and did assist the Coast Guard station in working the "Miss Cindy."

She had no lights, no pump, no compass. She was not yet in enough trouble to abandon ship and the engine was still running but the Coast Guard did send a C-130 aircraft.

"Miss Cindy" did have flares and was able to give her last known position by loran plots before she lost the electrical system. Her radio was running on pattery power and went dead about 0645Z.

Savings *** Home Loans

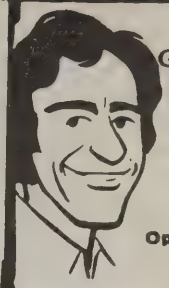
The First Place
First. Federal of Cocoa

505 Brevard Ave. Phone 636-1731
Cocoa, Florida

JACK, W4FTR

Tedco of Melbourne Inc.
Cushcraft
Midland
Newtronics
Kenwood
Eico Kits

WHOLESALE ELECTRONICS
437 S. Babcocks.Melbourne
FL 32901. Ted WA4DHI
Marv K4YWC, Jake W4LR
Pete WA4KYE & John WD4API



TONY TOULIS
GLADES RESTAURANT
and
TONY'S "Back Door"
LOUNGE
U.S. 27 Clewiston FL 33440-
Open 6 a.m. till 9 p.m.
Tony - K I 4 X

- No. 14 Gauge Solid Copper Ant. Wire
  200 Degree C Heavy Enamel Coating

100'-$10.00 **200'-$18.50**

Other sizes and prices available upon request. Florida sales tax and UPS charge included. Send check or money order to:

AUTOMOTIVE ELECTRONICS, INC.
1312 N. LIME AVENUE
SARASOTA, FL 33577

MIKE SPIVAK (305) 491-7110
WB4RFC

MIKE'S ELECTRONICS

1041 W. COMMERCIAL BLVD.
FT. LAUDERDALE, FLA. 33309

AMATEUR-MARINE-BUSINESS-RADIO
CB AND CAR STEREO

ERA®
MEMBER BROKER

PAT Hance & CO., INC.
REALTOR

K4WF

S. JACK CAMPBELL
Realtor-Associate
Eves. 587-3158
7501 Northwest 4th Street
Plantation, Florida 33317
(305) 792-6990

REALTOR®
MLS

MARTIN COUNTY PICNIC.

The Martin County Amateur Radio Association held an informal picnic, November 9. The afternoon was spent eating & ragchewing by the 72 amateurs and their families that attended. The December social calendar for MCARA included another picnic Dec. 7th and a Christmas Party, Dec. 21st and the annual open house at K4ZK's December 27th.

Hope you were able to make our Stuart Hamfest Jan. 31st. 73, Michael R. Klein, WA4GUH.

NEW NOVICE CLASSES

Novice class in amateur radio begins on Tuesday, Feb. 10, 7:30 PM at Chaminade High School in Hollywood. Cost is $10. Chaminade is located one block north of Hollywood Blvd. at 52 Avenue. For further information, phone school, 989-5150 during school hours. Registration will be on first class day. Instructor, Jack Kressel, WA4FMJ, has many years experience in radio, in amateur radio, and in teaching Novice Amateur Radio classes. His success record for his students is the best recommendation. Course is sponsored by the Hollywood Amateur Radio Club.

SALE $$$ SALE $$$ SALE $$$ SALE $$$ SALE $$$ SALE $$$ SALE $$$ SALE $$$ SALE $$$ SALE $$$ SALE
TOWER SALE GOOD TILL ?????????? BETTER ORDER NOW BEFORE SALE ENDS. SAVE BIG BUCKS $$$.

T-140 $ 540.00 NOW ONLY $ 430.00 W/ HOUSE BRACKET, MAST, HINGED BASE AND ONLY 59 LBS.

T-150 $ 795.00 NOW ONLY $ 605.00 W/ HOUSE BRACKET, MAST, HINGED BASE AND ONLY 78 LBS.

T-160 $ 1,065.00 NOW ONLY $790.00 W/HINGED BASE, HOUSE BRACKET,MAST AND ONLY 95 LBS.

T-175 $ 1,685.00 NOW ONLY $1,200.00 W/HINGED BASE, HOUSE BRACKET, MAST AND ONLY 115 LBS.

T-1100 $ 2,390.00 NOW ONLY $ 1,675.00 W/HINGED BASE, HOUSE BRACKET, MAST & ONLY 206 LBS.

ALL TOWERS ABOVE ROTORS WILL MAST MOUNT. ALL BUT T-140 WILL HAVE SS CABLE ON IT.

HEAVY DUTY TOWERS

T-40H $ 1,035.00 NOW ONLY $ 770.00 W/ROTOR PLATE, SS CABLE, HINGED BASE AND BRACKET.

T-50H $ 1,295.00 NOW ONLY $ 960.00 W/ROTOR PLATE, SS CABLE, HINGED BASE AND BRACKET.

T-60H $ 1,890.00 NOW ONLY $1,590.00 W/ROTOR PLATE, SS CABLE, HINGED BASE & BRACKET.

T-75H $ 2,265.00 NOW ONLY $ 1,800.00 W/ROTOR PLATE, SS CABLE, HINGED BASE & BRACKET.

EXTRA HEAVY DUTY TOWERS

T-40EHD $ 1,595.00 NOW ONLY $ 1,265,00 W/ROTOR PLATE, SS CABLE, HINGED BASE & BRACKET, MAST. WILL TAKE THE LARGE ROTORS.

T-50EHD $ 1,870.00 NOW ONLY $ 1,525.00 W/ ROTOR PLATE, SS CABLE, HINGED BASE, BRACKET, MAST & WILL TAKE THE LARGE ROTORS.

SHIPPING IN FLORIDA ON ANY OF THE ABOVE TOWER ONLY $ 18.00 BY TRUCK.

SHIPPING TO OTHER U.S. STATES ONLY $ 50.00 BY TRUCK.

SALES TAX ONLY ON TOWERS SHIPPED TO FLORIDA ADDRESSES, 4%

THIS TOWER SALE MAY END IN ONE WEEK OR ONE MONTH. ????????????????

TOWERS ARE ALL ALUMINUM, VERY STRONG, RUST & WEATHER RESISTANT,

MAINTENANCE FREE, EASY TO INSTALL, FEATHER LIGHT, TUNGSTEN INERT

GAS WELDED (HELI-ARC) FOR STRENGTH, LOW PRICED & SAVE ON FREIGHT.

$50.00 crating charge will apply to the following models: T-175, T-1100, T-60H, T-75H, T40EHD and T-50EHD.

73

ROBERT D. McCLARAN
WA2OG

ROBERT D. McCLARAN SALES, P.O. BOX 2513
VERO BEACH, FLA. 32960 / 305-723-4793

"THE ELECTRONICS PARTS PLACE"

Airport Surplus Electronics, Inc.

2529 N.W. 38TH COURT; MIAMI, FL 33142
TEL. (305) 871-4977 or 871-5077

WE'VE GOT WHAT YOU NEED!

Need a resistor or a laser power supply? We've got these and thousands of other new and used items of interest to the HAM HOBBYIST and SERIOUS EXPERIMENTER.

Discover Miami's headquarters for value where everyday low prices take the sting out of electronics projects.

Browse through 4,000 square feet of bargains.

OPENING HOURS
Monday-Friday . . . 9-6 Saturday . . . 9-3

U.S. AIR FORCE MARS (State-Wide)
By Phil A. McMasters, W4BCZ/AFF2P

Florida USAF Mars members, again have been recognized by AFCC HQ at Scott AFB. Guice Johnson, WA4LHO/AFF2C has been promoted from deputy communications officer to the bossman of the R2 Affiliates. It really means he has a hard job at zero pay.

The Florida Administrative Net, which he formally controlled was handled for the first time on November 30th by AFA2CW from Tampa in a real professional manner. In fact the affiliates serving as NCS on the night-time 2S01 show the results of the training program for the Region, Larry Jones, AFA2SJ/AFF2T also found on the HAM BANDS as WD4DIU, has a staff of state training officers doing a good job. Bob Metz, AFA2YI at Lake Worth is doing a good job here in Florida training new MARS traffic handlers.

Mike Green WA4ZVW/AFF2FL, State Mars director is really over worked handling all the form 64s etc. John Lenkerd, W4DNU/AFA2UW has asked for a 6 month leave in activity and as the assistant SMD, it give Mike more work. HDQS has a much smaller staff than formerly (budget reasons) which is the reason for much slower answers from Guice and Mike. This reporter is still waiting to hear about the new Bulletin page to be monthly in place of the quarterly Newsletter Magazine.

I promise that I will not be the bottleneck of news from R2 and am sure that AFF2C will forward it on to Scott, PRONTO.

NAVY/MARINE CORPS MARS — FLA.
By Jim Wilson NNOWCK/W4GDK

One of the phone patch nets we are running is a Wed. and Sunday schedule with the Coast Guard stations on the islands of San Salvador and South Caicos. Last Sunday we had started at about 2:00 p.m. and were just finishing our last patch when I got a land line call from IVZ saying that in about 15 minutes a National Emergency Radio test was going to start on that frequency. For tunately we had finished so the channel was free.

This past month we picked up two fine new members of the Florida team. They are: NNN0JFT-T, Tom Young of Titusville and down from North Carolina came Jim W. Alexander NNN0JWA who came to Lighthouse Point where he is looking for a house. He is to be the new Marine Recruiter in this area. He has just served hitches as an operator at MAL and MCL.

For two days I've thought my receiver was going crazy. It sounded just like when I first turn it on and the computer warms up. I complained about it on the net. I couldn't get the noise out. Finally Marion, QPJ, of Ft. Meyers, said, "Jim, your receiver is OK. It is spillover from a strong TT station 3 kc above us."

HAM TV

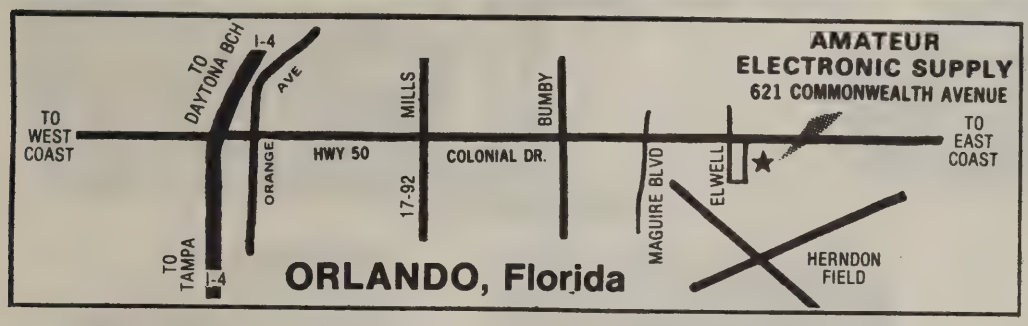
Several Orange County stations are using television for local communications. These amateurs are using fast scan on 439.25 MHz, which can be received on a modified TV set. The signals are not as strong as commercial TV stations, and to receive them you'll need an antenna with at least 12 dB gain up about 10 meters (30 feet).

Amateur TV in the Orlando area usually becomes active at about 2400 UTC (2000 EDT) each evening. However, if you want a signal to try your receiver a phone call to one of the stations listed below will get them on. Also, consider using a color receiver for ham TV, since some stations are sending color! Stations presently on with TV are: W4DPM, W4PLA, W4QOC and W4TOD. (Orlando Listening Post)

DADE RADIO CLUB, INC.
P.O. Box 350045, Riverside Station
Miami, Florida 33135
3rd Tuesday
Museum of Science
3280 South Miami Avenue
Miami, Florida 33129
DADE RADIO CLUB
SPONSOR OF
TROPICAL HAMBOREE

FLORIDA
W4AB
WR4ADU
BROWARD
AMATEUR
RADIO
CLUB
REPEATER 146.31-.91
SEE DIRECTORY FOR DETAILS

For FAST, DEPENDABLE
REPAIRS - ALIGNMENT - UPDATING
THE
HAM SHACK
COLLINS SPECIALISTS
MINIMUM TURN-AROUND TIME / MODERATE BENCH CHARGES
THE HAM SHACK Division of Debcorp, Inc.
2477 NORTH EAST DIXIE HIGHWAY JENSEN BEACH, FL 33457
PHONES (305) 334-6000 or 878-7111



Hams -

When touring **FLORIDA** be sure to visit the **AMATEUR ELECTRONIC SUPPLY** Branch Store located at:

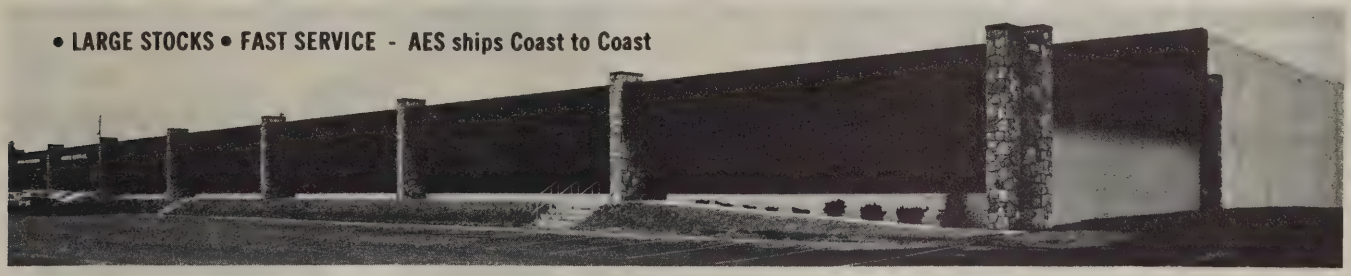
621 Commonwealth Ave.
ORLANDO
Phone: (305) 894-3238
Florida in state WATS: 1-800-432-9424

Visit our **Wickliffe, Ohio (Cleveland area)** Branch Store

28940 Euclid Avenue
Phone: (216) 585-7388
Ohio in state WATS: 1-800-362-0290

Conveniently located on the far east side of Cleveland, just 4 blocks east of the Euclid Avenue exit of I-90.

• LARGE STOCKS • FAST SERVICE - AES ships Coast to Coast



We're Growing! - and to serve you better, this large, modern Office and Warehouse complex will become the future mail order Headquarters for AMATEUR ELECTRONIC SUPPLY in Milwaukee, Wisconsin.

New AES Branch Store in LAS VEGAS at 1072 Rancho Road; Phone: (702) 647-3114; Outside Nevada WATS: 1-800-634-6227.

In CHICAGO visit our Associate Store - ERICKSON COMMUNICATIONS at 5456 N. Milwaukee Avenue; Phone: (312) 631-5181

Call Toll Free: 1-800-558-0411 *In Wisconsin (outside Milwaukee Metro area) 1-800-242-5195*

AMATEUR ELECTRONIC SUPPLY® Inc.

4828 W. Fond du Lac Avenue; Milwaukee, WI 53216 Phone (414) 442-4200

1 • 305 • 592 • 2788

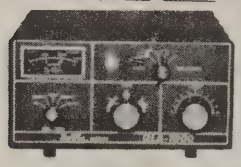
MIAMI'S NEWEST HAM RADIO STORE!

Bob Stocks All The Famous Brands Of Amateur Radio

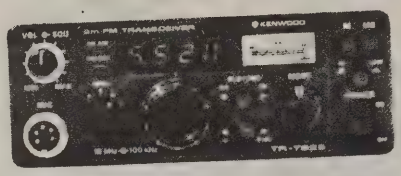
DRAKE TR7 Transceiver

KENWOOD TS180S

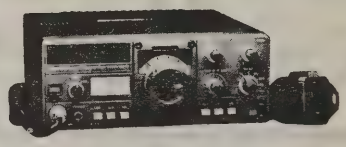
DenTron



Dentron
GLA 1000
1 KW DC INPUT!
1200 W. PEP!

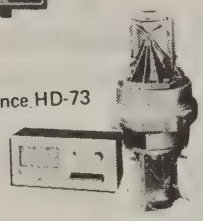


TR-7625 2m FM Transceiver.



KENWOOD TS 120S

BW BARKER & WILLIAMSON



Alliance HD-73

Nye Viking

hy-gain® ELECTRONICS
DIVISION OF TELEX COMMUNICATIONS, INC.

cushcraft CORPORATION

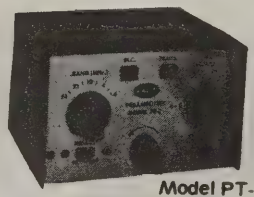
BIRD

BIRD MODEL 43
Thruline Watt Meter

50 Ohms nominal impedance. VSWR with UHF connectors 1.05 max.—Expanded scales of 25, 50 & 100 permits direct reading from 100 Mw to 10,000 watts.

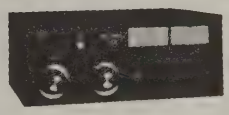
TELREX
Antenna Systems

AMECO



Model PT-2

ALPHA



ALPHA
76A

SWAN® ELECTRONICS

SUPERB!
NEW ICOM
IC-701S
H.F. XCEIVER

TELEX®
Headsets

TEN TEC OMNI-D

ALEX, KA4CEY

JOHN, WD4ISH

YOU ARE NO. 1 WITH US!

ARRL

VISA master charge

BOB'S AMATEUR RADIO

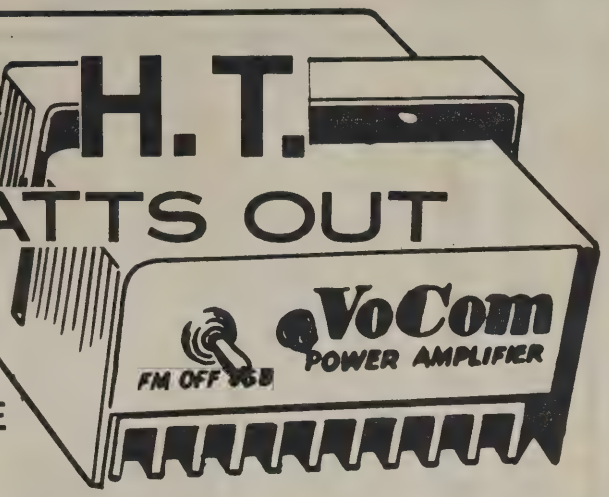
7322 N.W. 46th St., Miami, FL 33166 Hours: M-Sat 9am-6pm — FL residents call 1-305-592-2788

FOR H.T.

25 WATTS OUT

2 WATT DRIVE
@ $69.00

200 MW DRIVE
@ $79.00



ALL NEW PCS 3000

UPS FREE

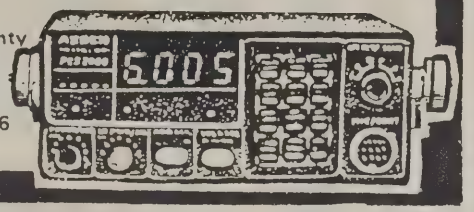
AZDEN only $315.00

INCLUDES TOUCHTONE KIT

You'll have more fun and excitement on 2 meter FM with the AZDEN PCS 3000 because of its popular, state-of-the-art convenience features such as micro-computer controlled full band scan and memory functions, CMOS PL digital synthesized, detachable control head, excellent receiver sensitivity, 25 watts out and much more.

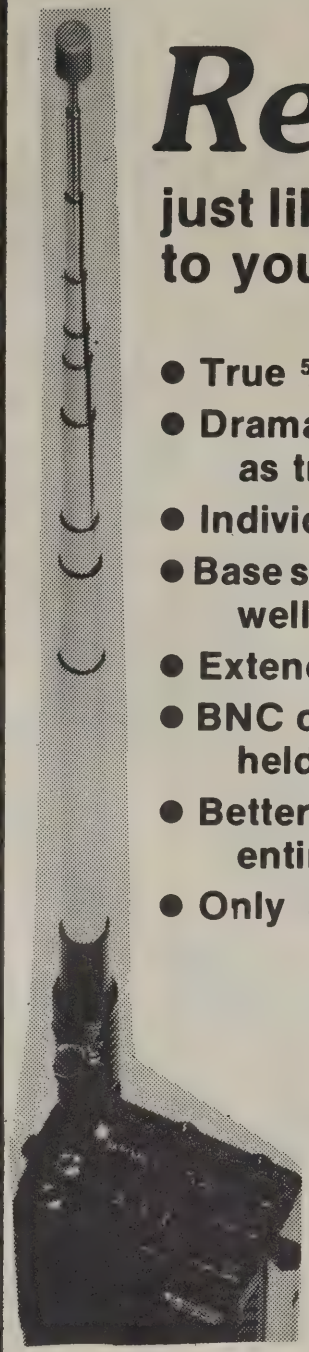
Free U.P.S.
90 day factory warranty

N.P.S. Inc. WA3IFQ
1138 Boxwood Rd.
Jenkintown, Pa.19046
1-215-884-6010



6 AMP. REGULATED POWER SUPPLY

$39.00 FREE UPS



Reach Out!

just like adding a 10-watt amp to your 2-meter hand-held...

- True 5/8 wave gain antenna
- Dramatically boosts reception as well as transmit range
- Individually tuned matching network
- Base spring/tuned coil protects radio as well as antenna from accidents
- Extends to 47", telescopes to only 8"
- BNC connector fits most current hand-held and portable radios
- Better than 1.5:1 VSWR across the entire 144-148 MHz band
- Only $21.00 free UPS

from

NPS

N.P.S. INC.
1138 BOXWOOD RD.
JENKINTOWN, PA. 19046

(215)884-6010
A 24 HR.
ANSWER'G MACHINE

ASK ABOUT 25, 50 AND 100 WATT AMPLIFIERS FOR HAND HELDS.

COAXIAL CABLE

All New American Made MIL SPECS, Polyethylene
RG213 non-contaminating 50 ohms ..... .34/ft.
RG8/U 97% shield, flexible white ..... .29/ft.
RG58/U 95% shield ..... .09/ft.
RG11A/U 75 ohm, non-contaimnating .... .25/ft.
RG62/U 93 ohm ..... .10/ft.
Belden special RG8/U Foam 9208 80% shield .27/ft
COMMERCIAL GRADE, Low Loss Foam
RG8/U 80% shield ..... .17/ft.
RG11/U 75 ohm ..... .18/ft.
Double Male Adapter PL-259..... 1.50 ea.
Insert Adapters. UG-175 or UG-176 .... .18 ea.
RG59/U 75 ohm 100% foil ..... .08/ft.

Rotor Cable 2-18 ga., 6-22 ga. ..... .17/ft.
PL-259 and/or SO-239 .59 ea. 10 for 5.49

CONNECTORS – FREE CATALOG – CABLE TV
Shipping $2/100' C.O.D. add $1.50
VISA or MASTERCHARGE OK, Please add 4%
Fla. Residents add 4% Tax
– WE BUY CLOSEOUTS –

NEMAL ELECTRONICS CO.

5685 S.W. 80th St., Miami, FL 33143 / (305) 661-5534
CALL BEFORE PICK- UP / PRICES SUBJECT TO CHANGE

FUN AND GAMES FOR DADE ARPSC

For the third year Dade County Amateur Radio Public Service Corps amaters were invited by the Orange Bowl Committee to provide communications for the King Orange Bowl parade News Years day in Miami.

Under the direction of W4NKJ, Dade County ARPSC Public Service Events Coordinator and his assistants two 2-meter nets were established to cover the entire parade route. One net for O.B. Director and his assistants to keep the parade on sked and running smoothly. The other net was for the tugs and behind-the-scene operations. As you probably know the event was carried live on Miami's TV channels 4 and 7. It was also live on NBC. We were told NBC gave about 4 or 5 seconds of showing our control booth on the south end of Biscayne Blvd. Also a short mention was made about the amateur communications on Channel 7, but nothing on Channel 4.

Everything went smoothly. No float break-downs and most all signals were solid throughout the 2-hour parade. About 30 amateurs were used to cover this event.

Once again the O.B. Committee requested the amateurs, 10 in all, to provide communications at the Half-time show of the Orange Bowl game. Each amateur provided his own H.t. and spent about 15 hours during this event for Committee members to coordinate, spot lights, equipment on and off field and of course the fireworks.

The list of amateurs is too long to list here, but they know who they are. Rest assured they all did an excellent job and will be back next year for the fun. 73 AC

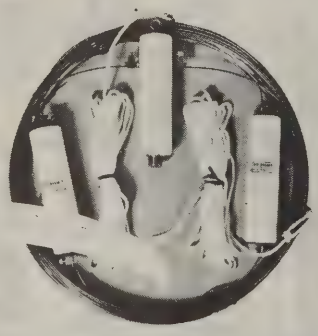
F C C FREEZES CLUB CALLS

The FCC has handed down a decision in the club, RACES, and military recreation station proceeding, Docket 211-35. The Commission has decided that it will no longer license any new repeat new club, RACES, or military recreation stations. However, FCC will continue to accept applications for renewal and modification of presently licensed stations. This decision, in effect, makes the temporary freeze imposed on the filing of applications for new club, RACES, and military recreation stations a permanent rule. Details will appear in May QST. (ARRL OB 32 3/12/80)

BASSETT HELIUM TRAP ANTENNAS

BASSETT HELIUM MOBILE ANTENNAS

The result of nearly two years of continuous development and nearly fifty years of amateur and commercial antenna design and manufacture Bassett helium filled antennas are for the amateur who demands the very best in American made automatic bandchange systems and mobile antennas that are compatible with all transceivers including the new "no tune"units. Trap systems are fundamental dipoles on each band and do not require antenna tuners.



- Helium filled traps impervious to all weather
- Maintains precise resonance and efficiency
- Systems easily handle legal amateur power
- Multiband amateur and MARS with one coax
- Fully compatible with"no tune" transceivers
- Short enough to fit on a small 50'by 100' lot
- Rugged white traps only 1"diameter, 5" long
- Uses your RG-8 or RG-58 coax in any length
- Center"isolator" equipped to accept a PL-259
- Solid Copperweld, stainless, nylon end lines

- Helium filled for a lifetime of high efficiency
- Completely adjustable to precise resonance
- Power handling capability to 750 watts PEP
- Beautiful white 32" Fiberglass lower section
- Stainless 38" 17-7 tapered top whip section
- Very low weight. VAC-20 weighs 6.5 ounces
- Low wind drag. Holds vertical at high speed
- All chrome plated polished brass hardware
- Models for all bands with a 2 meter collinear
- Mates with any standard 3/8-24 mobil mount

MULTIBAND BROADSIDE DIPOLES

VAC-40/75--$59.50 VAC-20/40/75--$79.50 VAC-10/15/20/40-----$109.50
VAC-20/40--$59.50 VAC-15/20/40--$79.50 VAC-15/20/40/75-----$109.50
VAC-15/20--$59.50 VAC-10/15/20--$79.50 VAC-10/15/20/40/75--$139.50

SINGLE-BAND MOBILES

VAC-2 collinear for 2 meter mobile---$34.50
VAC-6, VAC-10, VAC-15, VAC-20---$34.50
VAC-40---$39.50 VAC-75---$42.50

Postpaid UPS delivery in 48 States. Florida residents add 4% Florida sales tax to above prices. Special models are available for any use, commercial, security, utility, military, or marine.

WE HONOR master charge THE INTERBANK CARD

your BANKAMERICARD welcome

REX BASSETT ELECTRONICS, INC.

1633 N.E. 14th AVENUE, FORT LAUDERDALE, FLORIDA 33305 TEL: 305-561-1400

NEW! NEW! NEW!

apple® computer
Sales and Service

DRAKE

YAESU

ICOM

cushcraft CORPORATION

Rockwell-Collins

KENWOOD

the indispensable Bird 43 THRULINE WATTMETER

TEN-TEC, INC.

★ AZDEN ★

HUSTLER the home of originals

DENTRON

ROBOT

Unarco-Rohn

B&W

DRAKE - ICOM - CUBIC (SWAN) - ROHN - AZDEN
KDK - AMCOM - THS - LARSEN - TONNA - KLM
MICROWAVE MODULES - DSI - AMECO - JANEL
HUSTLER - MFJ - CUSHCRAFT - CDE - HY-GAIN
MOSLEY - FINCO - VALOR - ALPHA - ANTLER
BIRD - BELDEN - B&W - DENTRON - HANKEY
MINI-QUAD - TELE-TOWER - VOMAX - TEN-TEC
VIBROPLEX - CES - INFO-TECH - AVANTI - BERCHER
MIRAGE - KENWOOD - KANTRONICS - PALOMAR
ROBOT - YAESU - ARRL PUBLICATIONS - CQ -
„73.. - CALLBOOK -- AND OTHERS . . . . . .

RAY'S AMATEUR RADIO

1590 US HWY 19 SOUTH
CLEARWATER, FLA. 33516

Ask for JOE, LEN K4BDP or Ray W4DSV/NNNØPWU

VISA · master charge

PHONE (813) 535-1414

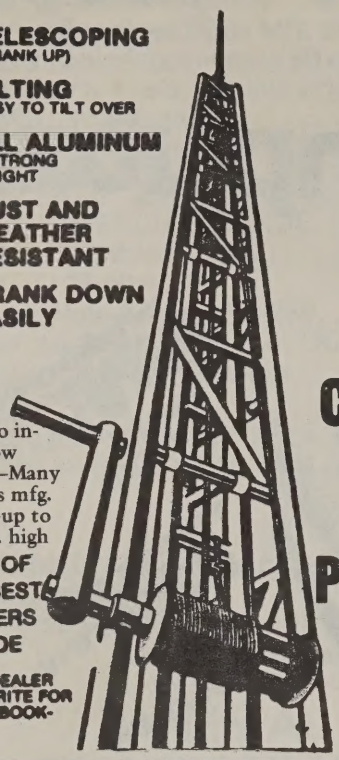
Call or write for your super quote today!

YOUR COMPLETE AMATEUR RADIO STORE

★ *OUR FINE REPUTATION SPEAKS FOR ITSELF* ★

ALUMA TOWERS
EXCELLENT FOR AMATEUR RADIO

- ★ **TELESCOPING** (CRANK UP)
- ★ **TILTING** EASY TO TILT OVER
- ★ **ALL ALUMINUM** —STRONG —LIGHT
- ★ **RUST AND WEATHER RESISTANT**
- ★ **CRANK DOWN EASILY**



Easy to install low prices—Many models mfg. Crank-up to 100 ft. high

ONE OF THE BEST TOWERS MADE

SEE DEALER OR WRITE FOR FREE BOOKLET.

ROBERT D. McCLARAN SALES

Aluma Tower Division
(305) 723-4793
P.O. Box 2513
Vero Beach, FL 32960

ANYTHING TAKEN IN ON TRADE

C.B. RADIOS
HAM GEAR
PHOTO GEAR
ANYTHING

THE WORLD'S MOST FANTASTIC RADIO SHOWROOM!

YOU GOTTA SEE IT TO BELIEVE IT!!!

KENWOOD — YAESU — DRAKE

Radio Wholesale

2012 AUBURN AVENUE
COLUMBUS, GEORGIA 31906

M.C. — Visa — Am. Exp. — Digers Club — C.O.D.

PHONE (404) 561-7000 JOHN WB4JUN

WE SHIP RADIOS ALL OVER THE WORLD
DO IT FASTER THAN ANYONE!

TOWERS — TOWERS — TOWERS
(30 TOWERS FOR SALE)

60-ft. high, 30" triangle, hinged base, 2½" angle iron, hot dipped galvanized in 20' sections, bolted together. $100. per each 20-ft. section.

80-4" hot dipped galvanized iron poles 12' to 16' in length.

HS ELECTRONICS, INC.

ENGINEERING / CONSULTATION / SALES

Contact A.N. Rogers, (305) 821-5802 or
Creal Gibson (813) 455-2325

1665 W. 33rd Place, Hialeah, FL 33012
Phone (305) 821-5802 / TWX: 810-848-5453

RATE CARD.. HAMBAR SERVICE of electronic equipment ONLY, will be available to all subscribers, amateur and non-amateur at the rate of 5 cents per word, which includes address, etc. Min charge $2.00. All Commercial and non-subscriber rate is 10 cents per word. Min charge is $3.00. No ad will be published unless accompanied by full remittance! We require all HAMBAR ads contain full mailing address, call sign & the ZIP, AREA/Phone number, if any. Make it EASY for person wanting to buy YOUR equipment. No HAMBARS via telephone! COMMERCIAL display, full page $76.50, Half page $48.50, 1/4 page $30.50 and 1/8 page $19.50 camera ready. Lay-out, make-up, type-set fee is according to size and type-set of ad. DEADLINE FOR ALL ADS & COPY is 8th of each month IN P.O. Box 501, Miami Springs, FL 33166. Thank you for your cooperation. Editor

FOR SALE: Tempo 2020 transceiver, needs repair of intermitting problem, otherwise in good condition. $250. Challenge for a good repair ham!. Bill Wright WD4HJV, 6800 SW 14th St., Pembroke Pines, FL 33023 305 983-4629.

FOR SALE: KDK-2016A, perfect condition, box, manual, power cord, mobile bracket, CES microdialer touchtone speed dialing microphone ($70.00 value) with manual, sub audio tone, fabulous value $299. for all cash. FIRM! Alan Wolfe WB4DYU, 12956 SW 50 St., Miami, FL 33175.

FOR SALE: OR TRADE: I have two high power VHF transmitters that I need to get out of the shack. RF power about 2 kW input. Designed for A M but could be used on FM or SSB. I sure would hate to cut them up with a torch if someone could put them to use. Call or write IF interested 6 or 2 meter gear, amateur or commercial. Pick-up only. Truck needed. Snits weigh 1 ton each. 6.5 ft. high, 3 ft. square and require 240 v.a.c. power. Ike Smith W4PLO, 1314 Crestview Ave., Holly Hill, FL 32017 904 253-7026 after 7 p.m. please.

FREE ELECTRICY ! ! Well almost: Photovoltaic panels model PV-1504 max output 15V/0.4 Amps. $150. Model PV 1414 max out 14.5/1.4 amps $450. 15 year unconditional guarantee. All Jones K4LEE, P. O. Box 592101, AMF, Miami, FL 33159. 305 624-8119.

FOR SALE: 440-450 MHz repeater. Includes the following: Receiver, transmitter & 25 watt amplifier, Dimension series by Repco of Orlando, completely wired & aligned, with crystals installed for 449.400-444.400 MHz. Installed in cast aluminum Bud boxes with large heat sink for amplifier, power supply, Phelps-Dodge 4-cavity duplexer, new & factory tuned for above frequencies, Larsen Colinear antenna. All components installed on 19 inch panels and mounted in 31" rack. All components factory wired and new. Never used. Needs COR, ID'er and some final wiring & control circuits. All manuals furnished. Sacrifice for $500. cash. Ed Jensen WA4CCU, Drawer A., Ft. McCoy, FL 32637 904 546-3661.

FOR SALE: Heathkit HW-16 Xcvr, HG10B VFO, ant. Key $150. Pocket scanners, Bearcat 6 channel $150. Midland or Courier 4 channel $100. All with access. Fuzz Buster Radar $50. Hallicrafters S-94 $20. GE 6 meter FM mobile 60 watts prog line 2 channels ready to go. Make offer. B&W 51SB single sideband generator, Viking II Xmtr. Both make offer. Linear amp. 450 MHz 5 watt in, 40 output $120. or offer. Tom Smith WB4RGQ 25 South Halifax, Daytona Beach, FL 32018 904 252-2906.

FOR SALE: MINT Yaesu 620B with six element beam. Used about twenty hours $300. John Murphy KA4DHX, 209 Dillon St., SW, Winter Haven, FL 33880 813 293-9878.

IT TAKES AS MUCH ENERGY TO WISH AS IT DOES TO PLAN.

SELL: Sansui AU-919 integrated stereo amp, 110 watts RMS per channel. Used one month. List $800. Will take $475 or best offer. Also "Ansaphone" model 650 (Dictaphone brand) telephone answerer $250. Cameron Magnon W4UEA, Rt. 1 Box 516, Dunnellon, FL 32630 904 489-4618.

FOR SALE: Heath HW-16 & HG-10B VFO with manual $150. Prently in use. Paul Turner W1DLP, 109 Pindo Palm West, Largo, FL 33540 813-585-9830.

NEW FLORIDA REPEATER MAP. FLORIDA SKIP, map editor, Bill Tucker W4FXE completed his 2nd All Florida 2 meter map. It's off the press ! ! It measures 11 X 17 inches and printed on yellow 60 weight paper. Easy to read. All repeaters are boxed in along side of their city. There is an additional listing by frequency in a large box. We sold hundreds of these in past year or so. We are selling these maps for only .25 cents each plus business size S.A.S.E. For the price of a cup of coffee, you can't go wrong with this nice map. Any changes notify W4FXE directly. FLORIDA SKIP, Box 501, Miami Springs, FL 33166.

FOR SALE: RCA WR-50-B RF signal generator, 200 kHz to 43 MHz in 6 steps with book $30. Conar color generator model 680 with manual $35. REALTON AM-FM stereo multiplux receiver $18. STAM-COMM 100 wt. 10 thru 80, solid state linear amp. model 100T-BL, 12VDC input with instructions. Can use in mobile or fixed with 12VDC supply. $65. Hustler 5-BTV, 10 thru 80, looks new, instructions. Sells now for over $125, will Sell for $70. (Pick-up) SONAR mod. FR-2517, 10 channel scanner, 150-175 MHz, but works perfect 145 to 174. Loaded with Dade/Broward repeters, .94. 52 simplex plus police frequencies $70. All items plus U P S. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874, evenings please.

WANTED: Looking for old tubes: 200 201A and VT-199. John Marshall 3430 NW 2nd Terr., Miami, FL 33125.

FOR SALE OR MAKE OFFER: Atlas 210/NB, solid state transceiver, Atlas 220 CS a.c. console, Shure 404C mike, d.c. cable, manuals, Trac TE-201 electronic memory keyer. Ham-key streight and paddle keyers. Chet Hart WD4GDB, 622 Meadowvale Dr., Orlando, FL 32817 305 275-5880.

FOR SALE: Bud rack with back door. 37" hi X 15" deep X standard 19" wide panel space $25. NO ship. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

WANTED: ALL NET REPORTERS, please list the time and frequency of your net in each monthly column. Maybe someone would like to join your net. Editor.

SIGNAL GENERATOR 10 to 420 MHz. TS-510/AU (H.P. 608D) with manual. Excellent condition. Prefer pick-up. $300. F. Bascomb K4KOZ, 5620 N.W. 3rd Terr. Boca Raton, FL 33431 305 994-1242.

SELL: Make reasonable offers! Hustler stainless steel mount SSM, 10, 15 meter resonators, 2 meter SF-2 5/8 wave antenna with new trunk lip mount, SF-2 antenna. New boxed RCA 866A's and 4X150A. W. E. TT pads. M. Freedman W4MGL, 7010 SW 16 St., Plantation, FL 33317 305 792-4600.

IF YOU MUST STRIKE A MAN FROM BEHIND, PAT HIM ON THE BACK

WANTED: TEN TEC TRITON IV or 544 with or without power supply. 144 MHz 11 element beam. Phone patch. C. Topmiller KR4I, 4211 Lake Rd., Miami, FL 33137 305 576-4991.

CALLBOOKS 1980 U.S. and DX, excellent condition, both $20. cash. Alan Wolfe WB4DYU, 12956 SW 50 St., Miami, FL 33175 305 552-0881.

FOR SALE: 7 foot PAR METAL enclosed rack. Standard 19 inch wide. Swinging back door, black with 115 v.a.c. outlets. Only $30. pick-up only. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

SELL: Model 19 teletype with tape punch, tape reader, power supply and computer interface $100. Heathkit SB-303 receiver, excellent $275. Heathkit DX-60 $50. Make offer or will swap. R. L. Pantera, 1700 N. Ocean Dr., Hollywood, FL 33019.

FOR SALE: COLLINS 30L1 with 578B's linear $575. Ten Tech model 244 digital readout $135. Doug Ryan W4MEE, 2324 NE 30th Ct., Lighthouse Point, FL 33064 305 941-1311.

T R S 80 model 1-level II-including: interface-48k memory. RS-232 model Two floppy disk drives. No. modifications. Custom built desk included. Pick it up for $1,950.00. Yaesu FT-101 digital full coverage receiver, companion transmitter FL-101, power mike, monitor scope analyser YO100 phone patch Landliner, Dentron supertuner MT-3000A. Complete station $1050.00. Teletype 33 with TRS80 interface. Uses list or 1 print without any software patches $350. All equipment mint condition. George Collins WD4PSK, 1374 - 51 Ave. N.E., St. Petersburg, FL 33703 813 526-9743.

WANTED: Power supply or transformer for Galaxy GT-550. Call or write Clarence Boldman KA4BTM, 25 Daughtery Rd., Zephyrhills, FL 33599. 813 782-5936.

TODAY IS THE TOMORROW YOU WORRIED ABOUT YESTERDAY.

FOR SALE: Heath SB-200 linear, 3 1/2 years old, like new $375. Collins 75S-3 (RE) receiver, ser. No. 14379, one owner, like new $400. Raytrack solid state electronic volume compressor with built in power supply $50.. Astatic 10-C ceramic microphone with matching chrome plated PTT (G) stand $35. Johnson 275 watt Matchoboox, good condition $65. Frank J. Drogan K4EFX, 2710 Nancy St., Orlando, FL 32806 305 894-1178.

ATTENTION ICOM & KENWOOD OWNERS! ! If your not receiving our monthly NEWSLETTERS, your equipments is not tuned into a wealth of information! Details S.A.S.E. USERS INTERNATIONAL RADIO CLUB, 606 Brack Road, Fort Pierce, FL 33450.

FOR SALE: OR TRADE: For used rohn tower, used 2 meter and HF ham radio equipment. Richard Leve WD4KXZ, 2214 N. 38th Ave., Hollywood, FL 33021 305 963-2169.

FOR SALE: KENWOOD TS-520S, clean & in good working condition $485. firm. J. N. Green K4JOI, 112 Craft Rd. Brandon, FL 33511 813 685-6846.

FOR SALE: DRAKE TR-4 with noise blanker, RV-4, MS-4, AC-4, DC-4 complete station $600. Neil Earnhardt WA3QFN, 7254 SW 1st St., Margate, FL 33068 305 722-9364.

WANTED: 2 meter FM rig IC22S, IC230, IC22A or similar with/without a.c. power, consider Adzen, all priced low. FOR SALE: QST 1972 thru 1980 $90. 73 Mag. May 76 - April 80 $40. plus shipping. Heath IM-4100 frequency counter to 50 MHz, prescaler to 250 MHz without power $15. Reel tape recorder ac/battery portable $35. Floyd Fellows WA4CLG, 2449 Duncan Dr., Belleair Bluffs, FL 33540.

ESTATE SALE: SB-102, power supply $325. SB-401, SB-303 $450.00. 3-813 tubes, $25. Heath AA-1214 100 watt amplifier $50. Chas Harrow, AB1S, 2081 SE 19 Ave., Pompano Beach, FL 33062 305 941-5231.

OUR CHARITY IS NOT DETERMINED BY WHAT WE GIVE BUT BY WHAT WE HAVE LEFT.

FOR SALE: National 183 continous tuning broadcast to 6 meters good working condition & appearance, includes speaker and manual $125.00. Antique RCA radio $50.00 Heath 6 meter HW-10 AM & CW $40. Tube type Pierce-Simpson CB 110 VAC & 12 VDC, 6 channel with squelch $25. Jim Lauritsen K4FQP, 3204 W. Debazan Ave., St. Petersburg Beach, FL 33706 Phone 360-8989.

SELL: Mint FT-101EE Yaesu with ext. VFO & phone patch with manuals, etc. $750. Firm! Ken N4BKZ, 2908 SW 126 Ave., Miami, FL 33175 305 552-5423 after 4 p.m.

COLLINS "S" LINE, all R.E. 75S3B, 32S3, 516F2 solid state rectifiers, 312B4, DX Eng. processer, Filters, Collins Xtals, DD-10 spectronics digital readout, nuvistor preamplifier, manuals, cables, extra new Collins parts and many tubes, D-104 mike, excellent mint condx, like new. Complete package $2100. Ship UPS insured. Monroe M. Freedman W4MGL, 7010 S.W. 16th St., Plantation, FL 33317 305 792-4600.

ONE MAY GO WRONG IN MANY DIFFERENT DIRECTIONS, BUT RIGHT IN ONLY ONE.

FOR SALE: SWAN 3501 SSB trans., digital readout, perfect condition. You pick up. $350. Johnny Blakeney WB4MED, 1608 SE Ave G No. !, Belle Glade, FL 33430 305 996-1413.

FOR SALE: YEASU FT-101F, mint $520. Yaesu 625RD, mint $625. Les Cockram KU4F, 5013 NW 43 St., Gainesville, FL 32601 904 375-4545.

FOR SALE: ICOM 245-SSB best offer over $200. Dentron Super Tuner $40. Both excellent condition. W. K. McPherson WB4WX, Rt. 2 Box 330, Gainesville, FL 32601 904 376-7671.

FOR SALE: Yaesu 202R, meter H.T. 6 channel, 3 installed, rubber duckie ant., nicad pack, leather case, nicad charger. All less than one year old, all mint condition with original packing, manual, etc. First $200. Takes all. Bill KA4AYZ, 9880 N.W. 4th St. Pembroke Pines, FL 33024 305 431 5922 after 5 p.m.

FOR SALE: Midland 13-500 2-meter transceiver with touch-tone handset $100. Complete set of Ham Radio magazine, in binders thru '77, best offer. 2- Collins 455 kHz mechancial filter, new $10. each. Nick Adams WA4WKV, 3009 N.E. 14th St., Gainesville, FL 32601 904 378-7015.

FOR SALE: Kenwood 7625, RM-76 $430. mint 10 month old. Operated very little. Video monitor Sanyo VM-4209 9 " B&W mint $170. Collins 75S3, 32S-1, power supply $700. David Hall WB4EIN, Rt. 3 Box 192, Pensacola, Fl 32504 904 477-6888.

TO QUESTION OPINIONS IS WISE: TO QUARREL WITH FACTS IS FOOLISH!

FOR SALE: Wilson 1405 HT complete with tooled leather Holster, desk charger, collinear antenna, spare set of nicads in tray, factor T/T, speaker mike and crystals for following freq. 52/52, 58/58, 16/76, 25/85, 34/94, 10/70. $200. or best offer. Lee A. Robinson WD4LZX, 845 Pamela Dr., Milton, FL 32570 904 623-6448.

FOR SALE: GLADDING 25, 2 meter 6 channel with xtals 1 & 25 watt out $75. Yaesu FT-2FB, 2 meter 12 channel with 10 sets xtals, 1 & 10 watts out (needs final) $70. 6 cartons fanfold white unlined paper for tractor feed printer (32000) sheets per carton. $8.00 per carton. 1 model 14 RTTY TD, perfect $350. 1 model 14 TD (needs brushes) $15. Harry Weir WD4FGN, 890 SE 4 St., Hialeah, FL 33010 305 887-5207.

FOR SALE: ICOM IC-21A with DV-21 scanning VFO in excellent condition $200. E. F. Johnson Fleetcom 527 two channel all solid state 65 watt output $35. Guice W. Johnson WA4LHO, 150 Crescent Dr. Punta Gorda, FL 33950 813-639-2530.

SALE: Famous drake SPR-4 general coverage 150 kHz to 30 MHz receiver. All solid state with extra xtals and xtal calibrator. This suitable for amateurs, professionals and SWLs. Exceptional band spread, suitable for amateur-transmitter useage. Outsanding sensitivity, selectivity, signal-noise ratio, stability frequency-wise, easy read-out PTO dial, all modes, AM, CW, LSB, USB, RTTY. Original cost $700. Mint condition, best offer over $385. Frank Shannon K4GT, 140 Bosphorus Ave., Tampa, FL 33606 813 251-5386 before noon and after 930PM.

FOR SALE: COMCO base 50 watts, 19 inch rack 5894 output/spare .100/700 700/700 16/76 94/94. Ameco pre-amp local/remote control, fan cobled. $125. KAAR VHF transmitter 4CX250B silver plated cavity, power supply $125. TMC SSB converter. Can receive SSB USB/LSB at same time. $150. TMC SBE-2 exciter 2 to 32 MHz can transmit USB & LSB at same time. Complete with power supply and cables. $175. TMC twin needle wattmeter with directional coupler $100. TMC power amplifier PAL-1K uses 8295A tube in silver plated RF section with vacuum plate ant. load caps. L.V. control power supply and all parts for H.V. supply 2kW input $500. Butch Warner WD4JKZ, 100 SW 31 Rd., Miami, FL 33129 305 854-1207.

WANTED: ATLAS 210X, any condition. Bud Miller KA4AIK, 902 Nightingale, Miami Springs, FL 33166 305 887-7655.

WANTED: Noise Bridge. State type, condition and price.Joe Champagne KA4LIS, 5821 NE 7 Ave., Ft. Lauderdale, FL 33334.

BE A GOOD LOSER, BUT DON'T MAKE A HABIT.

FOR SALE: TS-520 with VFO-520 $650. Brand new SB-221 linear with 10 meter modification $650. Mint. Both for $1250. Don Hunnicutt W4RQ 205 N. Lakeside Dr., Lake Worth 33460 305 585-2849 evenings.

WANTED: 1981 FLORIDA QSO PARTY CHAIRMAN. Perfer someone in Dade or Hollywood area. Details call Editor. 888 - 3874.

FOR SALE: Kenwood model 820 digital transceiver with mike $675.00, Kenwood model 120S digital transceiver with mike $575. Midland model 13-510 synthesized digital 2 meter transceiver with mike & a.c. supply all $250. Drake models W4 and WV4 power meters for HF and VHF $100 for pair. Measurements model 80 signal generator $165. Measurements model 59 grid dip meter $110. All mint condition. Rex Bassett W4QS, 1633 N.E. 14th Ave., Ft. Lauderdale, FL 33305 305 564-8729.

FOR SALE: 68 ft Rohn foldover tower with HAM M II rotor $500.00 Ready for transport. Peter T. Austen WB4WYZ,7135 NW 74th St., Miami FL 33166 305 888-2366.

FOR SALE: SB-300 with AM and CW filters, 2M and / 6M converters all $250. SB-401 with crystal accessory kit $250. Mosley MP-33 antenna with TA40KR $65. Hustler 4BTV $30. Otto Alexander WB4LGK, 615 Green Dr., Kissimmee, FL 32741 813 427-1030.

WANTED: CW traffic operators for GATOR NET in following cities: Tampa, Orlando, Miami, West Palm Beach, all Pan Handle. GN meets 365 days a year on 7090 kHz, 830 to about9 AM. Check in once a week or when you can. Thanks, Walt, KF4U, Net Mgr.

FOR SALE: BRAND NEW Drake T-4SC and AC-4 supply in factory sealed cartons $600. Brand new SL-500 CW filter for Drake TR-7 $40. Hammurlund SP600JX, .54 to 54MHz $275. Communications receiver and speaker $275. Collins 310-A-3 exciter with power supply. 10 watts output, stable and accurate VFO, excellent for CW $75. Motorola T-1504 duplexer 420-470 MHz, 250 watts 80 dB or better isolation, 1.4 dB insertion loss $300. Tuned with installation supervision, performance measurements and alignment instruction by qualified expert $450. Charlie Thrower W4UKV, 5212 18th Ave., Tampa, FL 33619 813 626-2412.

FREE: For flind or any handicap person – records, news week, QST and many other records. Requires 8 RPM. Details from Chuck Wardlow WA4 CGQ, 4139 Eagle Ave., Key West, FL 33040 305 296-2723.

FOR SALE: DRAKE TR-4, AC-3, MS4 in good working condition $375. Geo Patterson N4DQY, 223 Shore Lane, Indian Harbour Beach, FL 32937 305 773-7248.

TRANSFORMERS REWOUND ! JESS PRICE W4CLJ, 507 RAEHN ST: ORLANDO, FL 32806 PHONE 305 425-7251.

REMEMBER - WHEN YOU POINT A FINGER AT SOMEONE, YOU'VE GOT THREE POINTED AT YOURSELF. (Tnx W4CLJ, Orlando)

FOR SALE: HAL ST 5000 demodulator, mint condition, one year old $198. D. A. Scott W4AKQ, 4415 SE 12 Pl., Cape Coral, FL 33904 813 549-0075. No collect calls!

FOR SALE: Henry 2K4 amplifier floor model, only 4 years old 80 thru 10. Mint condition $750. Bill Hauser WA4ZSB, 2435 Alexander Dr., Titusville, FL 32780 305 267-4089.

FOR SALE: KENWOOD TS-520 with CW filter installed, operators manual and original carton. 120 v.a.c. and 12 v.d.c. Mint condition. $450.00 John Gardner WA4LVA, 3450 N. East 12 Ave., Pompano, FL 33064 305 942-6862 after 5 p.m.

FOR SALE: YAESU FT301D, FP301, FV301 $600. Kenwood TS700A 2M Xcvr $275. Murch UT-2000 tuner $75. 4CX1000A tubes $50. 2CX-250B tubes $10. 4CX-250 sockets $10. Half inch hardline connectors $10 3B28 tube solid state plug in replacement $15. B&W 852 coil $50. 2000 Pf VAC. variable.$50. 500 Pf vac. variable $25. WANTED: Collins 75S3 reasonable. Doug Snowden, N4IJ, 101 Hialeah St., Palm Bay, FL 32905 305 725-8507.

FOR SALE: Dentron antenna tuner MT-3000A $225. Hy-Gain 18AVQ 5 band vertical antenna $45. Swan phone patch FP-1 $30 All items in use and in perfect condition. Bill Fanning ND4P, 2710 Sunny Brook Rd Jacksonville, FL 32216 904 641-3440.

BOOKS ON ELECTRONICS, and other subjects. All new, fraction of bookstore cost. SASE for list. Julian N. Jablin W9IWI, 9124 N. Crawford Ave., Skokie, IL 60076.

ANNOUNCING a new ham radio recognition and reference volume, WHO'S WHO IN AMATEUR RADIO. Details SASE., Users International Radio Club, 606 Brack Road, Ft. Pierce, FL 33450.

FOR SALE: 8080/Z-80 software, custom designed. Real time disk logger-duper for CP/m available. Large discount for amateurs also, Eumig 30XL Super-8 sound camera, loaded with many features including electric zoom! Trade or sell. Howard Goldstein N2WX, P.O. Box 905, Melbourne, FL 32901 305 773-2856.

TRADE OR SELL TEN TEC Omni D and a.c. supply model 252. WANT stable audio generator/oscillator sine-wave output. Rob Pohorence N8RT. 606 Branch Rd., Ft.Pierce, FL 33450.

COAX CABLE SALE: Connectors - cable television equipment - free catalog - monthly specials low loss foax coax: RG8/U 97% shield flexible white jacket 29/cent/ft., RG-8/u 80% shield 17/ft., Belden 9208 .20/ft, RG-58/U 95% shield 10 cent/ft. RG-58A/U stranded center, 80% shield .11/ft. military spec. coax. Noncontaminating, 97% shield: RG-11A/U 75 OHM .27/ft. RG-8A/U (RG-213) .35/ft, 8 conductor rotor cable .19/ft. connectors PL-239 10/$.89, PL258 barrel .98 double male $1.50, F59A (TV type) 10/$2.15. Shipping: coax $2.25/100 ft., connectors: 10% minimum $1.50 FL residents and credit cards add 4%, COD $1.50. Nemal Electronics Co., 5685 SW 80 St., Miami. FL 33143 305 661-5534. Mail order only

OUT OF THE MOUTHS OF BABES COME WORDS WE SHOULD NEVER HAVE SAID

PLEASE DON'T FORGET: Our HAMBAR deadline is the 8th of each month. This means, your ad MUST be in Box 501 by the 8th. DO NOT CALL editors home with HAMBARS or last minute changes. We WILL NOT accept them! All Hambars received after the 8th will be held for the following month. Thanks for your cooperation and consideration! Editor

Mr. Hallicrafters, Bill Halligan, W9AC sits proudly at the Chicago Area Chapter QCWA meeting with one of his 1933 vintage SKY BUDDY receivers. It sold for $29.95. Ye Editor owned one in 1940. Bill is still active from his Bel Harbor home. God bless you Bill and keep you well.(Photo KA9DYS)

VHF'ERS ROOST

By Frank Shannon, K4GT

CROSS-BAND OPERATION OF 6M AND 10M. No doubt, but what you've listened to a 6M SSB station calling "CQ DX" on 6M and listening for reply on 10M (28885 KHZ). This seems to have gained in useage of late. It has not, as yet, baited your columnist into trying it. It is realized that certain overseas countries do not have 6M assigned to "match" our band. Thus encouraging our 6M hams to use this method to communicate. Your columnist has not quite understood the attractiveness of this cross-banding operating, possibly due to holding an "extra" FCC ticket which permits simplexing on all ham-bands. However, have fun Fellas.

WELCOME BACK TO 6M. N4CKE "Jim" Mulberry has returned to 6M following absence from ham-radio due to hospitalization for surgery on his knee. It's nice to hear Jim's booming "basso-profundo" voice again. Jim is an avid fisherman — fishing comes first! K8NSS, "Junior" of Fort Meade, was heard telling Jim about DX contact with EI2W, also EI6AS, both in Ireland.

MORE ON 6M. K9RVG, "Desmond," Chicago, recently checked in on "Medicare Net," which is on air daily at 9:30 a.m. EST, 50.150 MHZ. He is a friend of our W4ZBD, Paul, Bradenton — Desmond said that Paul is a 5000 word per transmission type — quite a "long mike cord!" Hear quite a bit of "Mary," WD4HCD, understand she is wife of John Davis, WB4FLH, Largo. K2EGH, Roy and his xyl visited friend W4LHK, Gordon, who, at this writing, is seriously ill. Gordon lives in Titusville area.

SILENT KEY. Possibly you did not read recent "Silent Keys" column in "Skip" which listed well-known VHF'er, W4TAS, Henry "Hand" McMurria, Bradenton. Hank was custodian and "general watch-dog" of 2M FM repeater at Bradenton-Sarasota area. He was a wheel-chair ham — and his familiar voice was always available to all queries over that repeater.

2M FM "OPENINGS." At this writing, late December and early January, quite a number of "openings" have, and still are occuring. Repeaters are being heard over unusual distances — often QRMing other repeaters using same frequency assignments!

ON OUR KNEES, FELLAS. Once again, this column requests aid from VHF'ers with QTH out of normal range of Greater Tampa Bay area, to occasionally send a report (via letter) on VHF happenings in your area. Your letters will help this column greatly in covering more of Florida VHF doings! C'mon Fellas — give us a hand — remember, we are a youngster of 79 years of age — and the Ole Stallion ain't what he used to be! We are particularly interested in learning of VHF regular nets. Again, we desire to thank an out-of-stater, K8JA, Jim Apsey, Toledo, Ohio for his numerous letters and post-cards with VHF info. So, Fellas in Florida, please write!

A "SICK" NICAD CELL. Possibly you have such a Nicad problem. Jim Homan of Clearwater says to rejuvenate a "sick cell," remove it (individual) from the "pack." Take 12 to 15 Volt DC source and quickly "strike" terminals of this cell three. or so. times but have proper polarity — then, if on testing, using volt-ohmeter, it shows "life," re-install that cell into normal pack then place on charge. We had a "sick" cell. took Jim's advice and it worked! In case you do not already know Jim, he can be reached at AGI ham store in Clearwater.

READING YOUR JAPANESE-ENGLISH INSTRUCTION BOOK. Some of our VHF xcvr gear manufactured in Japan furnishes an instruction-book which has been translated into english by a native Japanese! One statement in our book on an ICOM xcvr results as follows: "Push in button X until it pops out!" It takes awhile to get the real meaning out of their passages — it at least is amusing!

REMEMBER, TELL A FRIEND ABOUT "FLORIDA SKIP!" CU next Skip (unless Andy fires us — using this awful typewriter!)